Brandon Ritchie

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Education

Bachelor of Science in Data Science
Brigham Young University-Idaho

Expected Graduation: July 2022
Rexburg, ID

- GPA: 4.0
- Minor: Business Finance
- Data Science Society - President
- Data Science Society - Vice President of Projects

Related Work Experience

Data Science Consultant Project Manager- AgReserves
Research and Business Development Center

January 2022 – Current
Tools: Python, SQL

- Led a team in analyzing competitors agricultural growing habits and land footprint, highlighting regional hotspots for new farmland acquisitions.
- Created Selenium web-scrape applications that pull land parcel data, USDA market value, crop data, and SEC financial data into a dynamic SQL database.

Data Analyst – Institutional Data and Analysis
BYU-Idaho

April 2020 – Current
Tools: R, DAX, Power BI

- Developed a R package framework for reading in BYU-I, BYU Pathways, and Ensign College data providing a streamlined way to read in data from the school's database for R projects.
- Led team in creation of automated report builder that has saved 80 combined work hours every semester.
- Constructed Power BI reports to build out Ensign College's data reporting suite, providing a local place for faculty and administration to see key course metrics.
- Wrote a 20-page comprehensive Git/GitHub training for employees to move projects to version control software

Python App Developer
BYU-Idaho

April 2021 – July 2021
Tools: Streamlit, REST API

- Developed "Streamlit" web applications in Python to automate the process of assigning students to Harvest and GitHub teams and organizations.
- Decreased time data science teachers spend assigning students from 5 hours to a few minutes each semester.

Related Projects

Data Science Consulting Team Project Manager
Good2Go Convenience Stores

April 2020 – July 2020
Rexburg, ID

- Calculated Euclidean distances for 200 stores from nearest highway exits to highlight location accessibility.
- Monitored team's progress through weekly meetings and led communication with the client.

Data Science Consulting Team
Pinnacle Management Group

April 2020 – July 2020
Rexburg, ID

- Wrote R scripts to wrangle Excel income statement quarterly reports.
- Developed companies initial Power BI dashboard to highlight income trends.

Volunteer Experience

Service Missionary

August 2017 – August 2019

Blake Krupa

(208) 710-6505 | blake.krupa@gmail.com | https://www.linkedin.com/in/blake-krupa-a71b39192/

Education

Bachelor's of Science: Data Science | Brigham Young University - Idaho | Idaho, Rexburg — Expected Aug 2022
- Minor in Statistics
- Certificate in Databases
- GPA: 3.95/4.00

Professional Experience

Data Engineer | *Health Catalyst*| Salt Lake City, Utah — Feb. 2022 – Present
Finance team in charge of migrating and validating claims data
- Migrated insurance claims into a central data warehouse from over 100 sources using SQL (SQL Server)
- Validated ETL jobs by balancing claims
- Worked in an agile framework

Data Engineer | *Eagle Eye Produce* | Idaho Falls, Idaho — August 2021 – Feb. 2022
Analytics and Reporting in charge of all fresh produce from Mexico to Idaho
- Automated Web scraping process that cleaned and stored data in an on-premise data warehouse
- Implemented ETL incremental loading to optimize data refresh for front end applications
- Built company's first ever data pipeline to ingest USDA data for downstream analysis using Python: Pandas

Data Architect | *Intermountain Healthcare* | West Jordan, UT — May 2021 -Dec. 2021
Data Analytics and Platform team in charge of maintaining 200 systems across the company
- Completed 150 ETL conversion jobs from IBM DataStage to Informatica PowerCenter
- Built new data migration jobs in Informatica PowerCenter in the area of transplant and supply chain
- Automated the process of pushing flat files into our central data warehouse using Linux

Data Analyst | *BYU Pathway-Worldwide* | Salt Lake City, Utah — April 2021 - June 2021
Higher education research team
- Designed and built a Machine Learning model to predict student retention for approx. 35,000 students
- Integrated and maintained machine learning models into Azure
- Reconfigured 10 SQL queries to optimize data cleaning

Skills and Projects

- Technical Skills: R, Python, SQL, Java, Scala, Azure Machine Learning, Informatica, Spark
- Built a historical stock database with 8 tables (MySQL, Python: Pandas, SQLAchemy)
- Built a technical trading bot to analyze investment trends (Python: Pandas)
- Built a text analysis program to analyze live SPAC progress from Reddit API (Python: Pandas, R: Tidyverse, Reticulate)

Volunteer Experience

Program Director | *BYUSA Mental Health Matters* | Provo, Utah — September 2019 - April 2020
- Coordinate events with the help of 10 other program directors on BYU campus
- Promoted healthy programs on campus to improve mental health of BYU student body
- Prepared a 10-day Mental Health Week event to spread awareness across campus

Full-time Volunteer Representative (Spanish Speaking) | *The Church of Jesus Christ of Latter-Day Saints* | Birmingham, Alabama — August 2016 - August 2018
- Collaborated and coordinated with local church leaders to best assist needs of the area
- Prepared and taught weekly meeting to a group of 10 individuals to reach team goals
- Provided leadership and planning for up to 40 other volunteers for the purpose of reaching short-term and long-term goals for the area

DAWN GALLOWAY

206.245.0710 | 636 Trejo, Rexburg ID | dawn.n.galloway@gmail.com | https://www.linkedin.com/in/dawnngalloway/

Objective

Data science student with certificate in computer science seeking opportunity to apply programming and statistical analysis skills as an intern in a research environment

Experience

Rexburg Business Development Center for Stotz Equipment   January 2022 - Present

Data Science Project Lead   Rexburg, Idaho
- Lead regular stand-up meetings to keep project on track
- Troubleshoot project issues, research resources
- Assign student consultants tasks based on experience and interest

Rexburg Business Development Center for Stotz Equipment   September 2021 - December 2022

Data Science Consultant   Rexburg, ID
- Discovered alternate data source with greater data breadth and predictive data
- Presented findings to client and communicated benefits of additional data source
- Accessed weather API using R packages to assist in predicting harvest dates based on crop and harvest date

Rexburg Business Development Center   April 2021 - July 2021

Data Science Consultant/Co-Project Manager   Rexburg, ID
- Assigned tasks, led discussions, tracked project progress
- Pulled machine data from John Deer API to help solve business problem

Rexburg Business Development Center   January 2021 - April 2021

Data Science Consultant   Rexburg, ID
- Contributed to Shiny dashboard for STEM occupation webpage for a local college
- Created sample Shiny dashboard for Project Manager

Brigham Young University - Idaho   April 2019 - October 2022

Department Office Assistant   Rexburg, Idaho
- Received an award from the Department Chair for efficiency and contributions
- Shortened syllabi collection time by over 60% while increasing percent collected
- Reduced time on calls by over 50% by redirecting commonly misdirected and generic calls, as well as, increasing visibility of commonly requested information
- Discovered and recovered 9 months of mischarged funds for TA hours
- Hired, trained, and led 3-5 student office employees per semester
- Devised course schedules for 2-3 departments each semester

Skills & Abilities

- R, Python, Shiny, Tableau, MySQL, HTML, XML, CSS, GIT, JSON, Java, JavaScript, C++

Education

Brigham Young University - Idaho   Rexburg, Idaho

B.S. Data Science, - (in progress) 4.0 GPA   Expected July 2024
- Computer Science minor (in progress)

Data Science Certificate   April 2021

Programming-Computer Science Certificate   December 2018

Jared Arp

208-421-2819 | arp19001@byui.edu | linkedin.com/in/jared-arp/

EDUCATION

Brigham Young University - Idaho
BS, Data Science — Economics Minor

Rexburg, Idaho
December 2023

- GPA: 3.95
- Machine Learning & Data Mining, Business Analytics, Data Wrangling & Visualization, Intermediate Microeconomics

SKILLS

- Python: pandas, numpy, scikit-learn, tensorflow, keras, seaborn, selenium
- R: tidyverse, ggplot2
- MySQL
- Tableau, Power BI, Excel

PROJECTS

HFB Technologies Website Design & SEO
Data Science Society | BYU-Idaho

Rexburg, Idaho
January 2022 - Present

- Collaborated with diverse team to transform raw data into predictive model for deposit subscriptions based on clients employment, age, and marital status
- Wrangled 31,647 rows of bank data to identify trends in campaign subscription sales
- Researched Python libraries pandas, scikit-learn, and seaborn

Sotheby's International Realty
Data Science Society | BYU-Idaho

Rexburg, Idaho
September 2021 - December 2021

- Collaborated with diverse team to web-scrape 24 partnered websites using Python to collect photos, description, and property details
- Implemented 6 personalized functions to design algorithms to navigate through each website
- Researched Python library package selenium

WORK EXPERIENCE

BYU-I Online Course Evaluation Team
Data Analyst

Rexburg, Idaho
November 2021 - December 2021

- Cooperated with diverse team to analyze graphical visualizations of three student courses from Brigham Young University Pathway to understand why students are failing or withdrawing
- Presented three different models to coworkers using Powerpoint
- Evaluated course data using Microsoft Power BI and Excel

Home Care Pulse
Sales Research Spanish Associate

Rexburg, Idaho
February 2021 - November 2021

- Improved customer satisfaction by sending actionable feedback to hundreds of home care agencies
- Communicated with thousands of caregivers and clients to get feedback about home care agency

Stukenholtz Laboratory
Lab Technician

Twin Falls, Idaho
August 2017 - September 2020

- Increased crop growth by 5% by recommending hundreds of fertilizers to farmers
- Analyzed hundreds of test results by looking for inaccuracies in soils
- Tested thousands of soil samples utilizing chemical machinery, used chemical tools such as pH probes, burette for titration, and beakers for organic matter

VOLUNTEER EXPERIENCE

The Church of Jesus Christ of Latter-Day Saints
Full-time Volunteer Representative

Osorno, Chile
July 2014 - July 2016

- Communicated with thousands of individuals in a bilingual environment of English and Spanish
- Expended 80+ hours/week to provide life coaching and community service
- Spent hundreds of hours learning to read, write, and speak the Spanish language

Joshua Gubler

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Education

BS, Data Science - Statistics Minor
Brigham Young University - Idaho

April 2022
Rexburg, ID

- 3.9 GPA
- Awarded Full-Tuition Academic Scholarship
- Machine Learning, Calculus for Data Science, Linear Regression, Big Data Programming, Statistical Consulting

Experience

Researcher
The Church of Jesus Christ of Latter-Day Saints

November 2020 - November 2021
SLC, Utah

- Automated semi annual generation of 400+ PDF reports from 67k+ respondents in R to save 100+ employee hours annually
- Analyzed survey data to assess sentiment across a population of 16.7 million people from a sample size of 3,000
- Maintained a 5 year longitudinal study to identify trends in youth development in 200 cities across 6 countries

Data Science Consultant
BYU Pathways Worldwide

April 2020 - July 2020
SLC, Utah

- Leveraged machine learning to predict students who would drop out without intervention, providing student support direction
- Derived demographic and academic features from a complex transactional database
- Achieved a .76 balanced accuracy with a Random Forest
- Presented findings and machine learning model to senior data scientist

Data Science Consultant
Anasazi Foundation

November 2019 - December 2019
Mesa, AZ

- Determined program efficacy for top executives by wrangling and visualizing survey data in R, using janitor and Tidyverse
- Corresponded via email and phone with researcher to determine nature of business requirement
- Iterated through multiple report designs to satisfy client needs

Statistical Consultant
Neuroscience lab

June 2019 - July 2019
Rexburg, ID

- Performed ANOVA testing in R to evaluate efficacy of postpartum depression treatment
- Advised neuroscience research team on appropriate statistical tests for an animal drug trial
- Assured accurate results by identifying and rectifying a critical experimental design error
- Declared the study inconclusive, refined the experimental design for the next iteration

Projects

Spark Machine Learning Project

- Queried big data using SparkSQL in Azure Databricks
- Derived machine learning features from a 60 GB transactional database with Python, leveraging Pyspark in Databricks
- Predicted future demand for books in the Seattle Public Library using a Random Forest to inform strategic selling of inventory

Heart Attack Web App Prediction Project

- Created a logistic regression model in Python using scikit-learn to predict if someone is having a heart attack given their vitals
- Optimized recall to 100%, hypothetically saving 31% more lives, while maintaining over 70% precision
- Deployed model in Django web app to provide an accessible user interface

Volunteer Experience

Full-time Representative (American Sign Language)
The Church of Jesus Christ of Latter-day Saints

March 2016 - April 2018
Phoenix, AZ

Technical Skills

Languages
- Python (sklearn, Keras, pandas, altair, NumPy, Django)
- R (Tidyverse, ggplot2, dplyr, knitr, plotly, stringr, leaflet)
- SQL

Tools
- PySpark / SparkSQL / Databricks
- Git / GitHub
- Tableau / Power BI / Excel (VBA)

LEONARDO URBIOLA

(208) 419-6551 | Leonardo.urbiola@hotmail.com | Rexburg, ID | linkedin.com/in/leonardo-urbiola/

EDUCATION, SKILL SETS & TRAINING

Bachelor of Science in Data Science | *Brigham Young University-Idaho* **GPA: 3.5**   Anticipated Graduation: **July 2022**
Bachelor of Science in Business Finance | *Brigham Young University*-Idaho **GPA:3.5**   Anticipated Graduation: **December 2022**
Bi-lingual: Fluent Spanish & English

- R Studio
- AI
- SQL
- Machine learning
- Data mining
- Algorithms
- Power BI
- Tableau

- MS Excel
- Statistical Analysis
- Python
- Data Analysis
- Data Wrangling
- TensorFlow
- Big Data
- Problem solving

- Financial analysis
- Market analysis
- Database management
- Financial analysis
- Accounting(General)
- Market analysis
- Analytics techniques

EXPERIENCE

Coordinator Facilities Management | *Brigham Young University – Idaho*   **Sep 2018 – Current Date**

- Created an ERD and a database in MySQL to manipulate, analyze, and keep control of relevant information.
- Recruited and trained 20+ employees to perform high quality service and maintenance to the school.
- Completed operations by assigning and monitoring work, implementing productivity standards, resolving operations problems, maintaining reference manuals, and implementing new procedures.

Beehive Federal Credit Union | *Data Science Society - BYU-Idaho*   **Sep 2021 – Dec 2021**

- Created a multilinear regression model that helped Beehive determine which area in Idaho Falls they needed to open a new branch using R studio.
- Created Visualizations and graphs to demonstrate the regression module.
- Created Visualizations in google colab to look for correlations and important statistical analysis.

Research & Business Development Center | *Data Analysist for Alleva*   **Dec 2021 – April 2022**

- Merged and joined data from different platforms using Google Colab (Pandas).
- Cleaned and wrangle big data.
- Performed Business Analysis and Visualizations.
- Presented updates of my work periodically and presented final business and statistical analysis within a time frame.

Senior Project | *Chatbot*   **Apr 2021 – July 2021**

- Created a chatbot based on machine learning that accurately responded people's questions.
- Trained data and used deep learning to create a module in TensorFlow to make chatbot smarter.
- Created an app for the chatbot to interact to people in a friendly environment.

Supervisor International Agent Support | *Teleperformance – Monterey, Mexico.*   **Apr 2016- Sep 2018**

- Trained and led call center representatives to answer customer's inquiries.
- Helped to create an Android application to keep control of work hours using Visual Studio and Android Studio.
- Prepared reports and analyzing data to assist management as they determine call center goals using Microsoft Excel.

TANNER JENSEN

💼 WORK EXPERIENCE

Sep 2021 | Present

Data Science Lead
Alleva Consultant through RBDC   📍 Rexburg, Idaho
- Developing a predictive model for Alleva's 262+ clients to reduce patient turnover.
- Created a model using Python and Scikit Learn with 89% accuracy in predicting patient behavior.
- Saved 20 hours in data processing using SQL and Google BigQuery.

Apr 2021 | Present

Data Analyst
Career Center | BYU-Idaho   📍 Rexburg, Idaho
- Builds and improves 7+ interactive dashboards displaying Career Center insights.
- Saved 15 hours a week in training costs for low-traffic career prep appointments.
- Using R and the Tidyverse to create interactive dashboards and maps used by 25,631 enrolled students.

Jan 2021 | Apr 2021

Data Analyst Consultant
Good 2 Go Consultant through RBDC   📍 Rexburg, Idaho
- Mined and analyzed geospatial route data for 62 positions across 7 states.
- Presented route information to 30+ students and faculty using Power BI.
- Used R and osrmRoute to calculate route distances from highway exits to nearest point of interest.

Jan 2020 | Apr 2020

Economic Research Analyst
Research and Business Development Center (RBDC)   📍 Rexburg, Idaho
- Assisted in developing an alternative funding network for 92+ venture capital firms in the state of Idaho.
- Provided essential data on 1,000+ Idaho-based firms.
- Used Microsoft Excel and PowerPoint to research and record information.

🖥 VOLUNTEER EXPERIENCE

Jan 2022 | Present

Vice President of Outreach
Data Science Society, BYU-Idaho   📍 Rexburg, Idaho
Coordinates with the President in creating and presenting Society news in school forums and university digital spaces.

Jul 2021 | Present

JustServe.org
Rexburg Family Crisis Center   📍 Rexburg, Idaho
Sorted and handled donated clothes for those in need.

🎓 EDUCATION

Expected Dec 2022

Brigham Young University-Idaho
B.S. Data Science, Minor in Economics   📍 Rexburg, Idaho

GPA: 3.3

CONTACT INFO

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in linkedin.com/in/tannerwjensen
○ github.com/tannerwjensen
📞 +1 973-600-3608

SKILLS

Python: 2+ years
R: 2+ years
SQL: 1+ years
Tableau
Power BI
Looker
Machine Learning
Predictive Modeling
Data Wrangling
Microsoft Office

Stockton Grimaud

435-760-5055 | stocktong97@gmail.com | linkedin.com/in/stocktong/

EDUCATION

Brigham Young University - Idaho
BS, Data Science - Minor in Economics

Rexburg, ID
September 2017 - April 2022

EXPERIENCE

Intermountain Healthcare
Data Science Intern

Salt Lake City, UT
June 2021 - Present

- Identified likely charge code anomalies in medical billing via python and Oracle SQL using hard coded rules, apriori, and seq2seq algorithms & generated Excel report of anomalies in python
- Created statistical process control function leveraging Western Electric rules and bootstrapping to detect healthcare inequity amongst various demographics
- Created content for an Artificial Intelligence Curriculum course for over 100 internal analysts to increase machine learning product development throughout the organization

Brigham Young University-Idaho
Online Data Specialist

Rexburg, ID
February 2020 - December 2021

- Collected and analyzed key metrics of online community for instructors teaching for BYU-Idaho and BYU Pathway
- Consulted with management and presented results using Excel and R on key metrics and correlation to instructor performance
- Updated excel dashboards, analyzed survey results in R and performed ad hoc data projects

Research and Business Development Center Analytics
Technical Project Manager & Data Science Consultant

Rexburg, ID
September 2020 - December 2021

- Lead team and coordinated efforts in creating project scope and objectives
- Created metric for likelihood of pre-approved customers accepting credit card offer using machine learning
- Wrangled and cleaned over 800,000 rows of debit card transaction data for the use in visualization and analysis
- Presented visualizations of customer account activity to Westmark Credit Union management

Math & Tutoring Department at Brigham Young University-Idaho
Data Science Lab Tutor & Teachers Assistant

Rexburg, ID
September 2020 - December 2021

- Aided students through data visualization, wrangling and statistical testing in one-on-one and group settings
- Led tutoring lab by scheduling tutors, and provided training and advice as needed

Simplicity Collection Software
Data Analyst Intern

Idaho Falls, ID
November 2020 - April 2021

- Analyzed and wrangled 3 years of sales data using R, R Studio, and Power BI to create sales metrics and identify possible trends in pre customer behavior
- Constructed report on payment processors used in customer transactions through mySQL queries
- Assisted in the upload of current customer data to new platform by wrangling data through python script

SKILLS

- Python, R, SQL, Power BI/Tableau
- Microsoft Excel; Harvard Certified
- Machine Learning and Data Mining
- Statistics: Regression, ANOVA, hypothesis testing
- Data Wrangling and Visualization

Asher Hanson

208-538-6009 | asher.2018@outlook.com | linkedin.com/in/asher-hanson5525 | https://github.com/Ellwood12

EDUCATION

Bachelor of Science in Data Science   July 2022
Brigham Young University - Idaho
- GPA 3.98
- Relevant Courses: Data Wrangling & Visualization, Machine Learning and Data Mining, Big Data

TECHNICAL SKILLS

- Experience in current analysis, presentation, and collaboration tools (R, Python, PowerBi, Github and Tableau, SQL).
- Special training with Altair, Sklearn, and TensorFlow (machine learning).

EXPERIENCE

Teaching Assistant - Data Science Programming   September 2021 - December 2021
Brigham Young University - Idaho
- Aided in grading and giving insightful feedback to two courses of about twenty students each.
- Answered students' questions regarding various Data Science topics including machine learning mechanics, data cleaning options, and visualization in Python.

Intern (PCIP)- Premier College Internship Program   May 2021 - July 2021
Edwards Air Force
- Collaborated with statisticians and engineers to design flights test plans to be performed on Airforce aircraft.
- Built a presentation utilizing code in R-Studio to demonstrate use of Profile-likelihood in single proportion testing.

Statistical Consultant   January 2021 - April 2021
Good2Go
- Collaborated with a team of consultants for four months to create a Machine Learning model to predict whether a gas station should be built at any given location based off gathered features.
- Utilized libraries/packages such as XGBoost, Linear Regression, and Shiny (R-studio) to design model and create dashboard.
- Presented findings to leaders with actionable insights into where to go forward with goals using developed model and findings.

Data Science Tutor   January 2021 - April 2021
BYU-I R-Lab Leader
- Tutored various topics of programming and mathematics to students pursuing a degree in Data and Computer Science.
- Worked with 3-5 students an hour to complete assignments and projects that were used the programming languages R and Python.

Brigham Eaquinto

707.391.5417 | brighameaquinto@gmail.com | www.linkedin.com/in/brighameaquinto

EDUCATION

Bachelor of Science in Data Science   Spring 2023
Brigham Young University – Idaho   Rexburg, ID
- Minor: Statistics
- GPA: 3.4
- Skills: R, Python, SQL, Git, Power BI, Linear Regression, Machine Learning, Feature Engineering

WORK EXPERIENCE

Data Analyst   April 2021 – Present
Brigham Young University – Idaho   Rexburg, ID
- Analyzed and reported on school data in a team dynamic by statistical analysis in RStudio for better executive decision making
- Automated semester reports saving 3+ weeks of manual reporting each semester by creating reusable code for efficient and high-quality results in every use

Administrative Assistant   June 2019 – April 2021
Brigham Young University – Idaho   Rexburg, ID
- Organized and assigned 2000+ new students to 300 student volunteer mentoring groups
- Generated weekly and monthly reports on the school-wide New Student Mentoring program

Admission Counselor   September – December 2019
Brigham Young University – Idaho   Rexburg, ID
- Guided 40+ students daily thorough semester overrides or deferments and admitted 200+ students to the university
- Toured 150+ prospective students to the college campus and obtained 100% of participants ratings as '5-Star' or 'Extremely Professional' as a tour guide while all were more likely to attend

VOLUNTEER EXPERIENCE

Get Connected Council   April – September 2019
Brigham Young University – Idaho   Rexburg, ID
- Planned and executed a two-day training conference for 600 volunteers by supervising
- Demonstrated leadership by directly instructing volunteers on setup and takedown of 20+ different events throughout training conference and new student orientation

Full-time Volunteer Representative   October 2016 – October 2018
The Church of Jesus Christ of Latter-day Saints   New York, NY
- Mentored and befriended 2000+ individuals, which helped individuals realize goals while serving 60-80 hours per week
- Became conversationally fluent in the Spanish Language through rigorous study within 1 year
- Directed weekly classes teaching English to a group of 15 diverse, native Spanish speakers

Zhongzhou Ding

307-202-2101 | dylandingzz@gmail.com | https://www.linkedin.com/in/zhongzhou-ding-169418183/

Education

Brigham Young University-Idaho　　　　　　　　　　　　　　January 2019-April 2022

Major Category: Data Science

Tool

- Data Wrangling & Visualization (R)
- Machine learning (Python)
- Database Development (SQL)
- Microsoft Office (Advanced Excel)
- Web building (HTML, CSS, JavaScript)

- Adobe creative cloud (InDesign, Photoshop, Illiterater)
- Language skills: English and Chinese Mandarin

Experience

RBDC Data Scientist for Alleva　　　　　　　　　　　　　　January 2022-present
BYU-Idaho (Rexburg, ID)

- Cleaned and visualized a 100-thousand rows of medical records according to the need of the client, using Pandas and Seaborn library in Python.
- Built predictive models using various machine learning tools (Gradient Boosted Tree, Decision Tree) to predict patterns that which type of patient will most like to leave the medical plan.

Chinese Record Metadata Analyst (Internship)　　　　　　　　April 2021-present
Family Search (Salt Lake City, UT)

- Collected and extracted data from 100s Chinese genealogy records weekly. Organized data by different categories, to be better store them.
- Analyzed collected genealogy data by family name, location, etc. into charts and graphs in R, presented them in HTML web to supervisor.
- Filed data into JSON file format, checked and prepared data, made sure it can be input into the front end of FamilySeach.org.

Chinese conversation Lab Director　　　　　　　　　　　　April 2020-December 2020
BYU-Idaho (Rexburg, ID)

- Developed strategies with instructors to better increase students Chinese speaking skills.
- Led and trained tutors to better understand students' needs.
- Paired up students and tutors according to their style.

Resident assistant　　　　　　　　　　　　　　　　　　　July-December 2018
Northwest College (Powell, WY)

- Organized weekly activities to enrich students' campus life.
- Led events such as Title IX, fire drills to ensure the safety of student body.

Gavin South

B.S. Data Scientist — Statistics

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Relevant Experience

Data Scientist

WPA Intelligence ● Washington, DC

One Year + | 2021 — Present

• Collaborated daily with a cross-functional team to help bring data driven insights and answers to small and large clients throughout the United States to make strategic decisions

• Saved hundreds of working hours by building and implemented production tools for our data science team that perform data wrangling, aggregation, and machine learning on proprietary large data sets

• Developed my hard and soft skill set and became a more efficient and effective data scientist by handling multiple projects simultaneously, constantly improving my **R**, **SQL**, and **ML** code, and communication skills

Data Science Tutor

BYU-Idaho — Mathematics Department R/Python Lab ● Rexburg, ID

Two Years | 2020 — 2022

• Fostered students understanding of data science principles to build them into effective data scientists and future programmers in our department lab

• Instructed students through correct syntax in **R** and **Python** and taught them how to find answers for their data science questions and projects using online and text resources

• Reworked students' confidence and competence to go on to become capable data science programmers throughout their college and professional careers

Data Science Teachers Assistant & Course Developer

BYU-Idaho — Mathematics & Art Department ● Rexburg, ID

Two Years + | 2020 — Present

• Recruited by faculty to help professors and students in; Data Science Programming, Business Statistics, Design Thinking: Inquiry and Innovation, and Intermediate Statistical Programming

• Engaged daily with students in class and over email to encourage and support productivity and competence. Pitched and brainstormed new class material weekly with faculty and professors to stretch students' skills

• Grew students' confidence and competence in and out of the classroom. Gave the faculty and students new and exciting challenges to work through

Education

Brigham Young University Idaho

● Rexburg, ID

• B.S. Data Science, Minor in Statistics and Machine Learning

• Advisor for the Association for Computer Machinery (ACM) & Data Science Society

• September 2019 — **Graduating July 2022**

Cumulative GPA 3.96 — Awarded full academic scholarship

Spencer Carillo

2048 E 280 S, Spanish Fork, UT 84660

scarillo130@gmail.com | (385) 505-6960

Obtain position as a data scientist

EDUCATION

- **Whitewater High School**, Fayetteville, GA *2012-2016*
- **Clayton State University**, Morrow, GA *2016*
  - Dual enrollment during senior year of high school
- **Brigham Young University - Idaho**, Rexburg, ID *2017, 2019-Present*
  - Data Science Major, graduating summer 2022

DATA SCIENCE EXPERIENCE

- Created machine learning models in Google Colab
- Created website in VisCode
- Tableau Presentations - data intuition and insight
- HTML files to solve calculus problems in RStudio
- Forecasting with linear regression
- Data wrangling and visualizations in VisCode
- Analyze data relationships in Power BI, MySQL, GitHub, PuTTy, Python
- Advanced business statistics in Excel
- Big Data Programming & Analytics

SERVICE AND WORK EXPERIENCE

- *Cinemark Tinseltown 17*, Georgia *2016*
  - Usher, Concession, worked shifts six days a week
- *Landscape Elite*, Georgia *2016*
  - Landscaping duties and clean up
- *Service Missionary*, Utah *2017-2019*
  - Two year calling to find and teach people about church beliefs
- *DoorDash*, Idaho/Utah *2020-2021*
  - Delivered food to people's homes three days a week, fulltime in the summer

AWARDS

- Eagle Scout *2013*
- Two Varsity letters, Swimming

TRAVIS SONG

385-215-0971 | travissongjianwei@gmail.com | www.linkedin.com/in/travis-song | https://github.com/Travis-Song-Data

EDUCATION

Brigham Young University-Idaho (BYU-Idaho)   Dec 2022
Bachelor of Math – Data Science   Rexburg, ID
- GPA 3.8
- Minor in Business Analytics
- Relevant Courses: Data Wrangling and Visualization, Appl Calculus for Data Analysis, Applied Linear Regression, Intermediate Statistics, Machine Learning

EXPERIENCE

Research and Business Development Center for [Lyteworx] Current   Jan 2022
Student machine learning consultant   Rexburg, ID
- Analyzing Machine Learning models for Natural Language Processing project
- Implemented solutions to create and wrangle raw data with an improved efficiency of 25%

Research and Business Development Center for [Levvel 3D]   July 2021- Dec 2021
Data Annotator   Rexburg, ID
- Annotated 3D cloud-point files of warehouses to create virtual model
- Report to software team about bugs and other software issues
- Analyze and collaborate to fix bugs in python

Singapore Army (No intent of continuing)   Jul 2016 – Jul 2018
Clerk   Singapore, Singapore
- Delegated instruction to facilitate cleaning of filing room
- Catalogued and organized the filing room with Excel spreadsheet
- Abled to apply Singapore's army regimentation and flexibility to meet deadlines with precision

Data Science Society

Machine Learning Image Processing   Apr 2020 – May 2020
Data Science member   Rexburg, ID
- Conducting research on machine learning and the definition of what is considered a road
- Analyzing thousands of road pictures to enhance the machine learning recognition capability

Web Data Extraction Current   Jan 2022
Data Science member   Rexburg, ID
- Researching Selenium WebDriver
- Implementing Selenium WebDriver using python

VOLUNTEER EXPERIENCE

YOUTH EXPEDITION GROUP   Jan 2016 – Jan 2016
Volunteer work   Yangon, Myanmar
- Conducted daily meetings that made the program better for children and developed leadership skills
- Handled the cleaning of orphan's home weekly in order to lighten their duties

SKILLS

- Programming Languages: Python (Beginner to Intermediate), SQL
- R Language, able to wrangle data to a tidy format for analysis and visualization., effectively display and communicate meaning from spatial, temporal, and textual data.

Hajdi Isufi

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Education

Brigham Young University - Idaho   July 2022
Bachelor of Science in Physics & Data Science   Rexburg, ID
- 3.9 GPA
- Thomas E. Ricks Academic Scholarship 2018, 2019,2020, 2021
- Area of interest: Mathematics

Working Experience

BYU-I   April 2018 - July 2021
Teaching Assistant   Rexburg, ID
- Created lesson plans based on students' current knowledge and state requirements
- Graded course work and supervised day-to-day operations
- Taught a class of 20-30 students per semester in physics and mathematics
- students to better adjust to academic needs

BYU-I   January 2019 - May 2019
Laboratory Coordinator   Rexburg, ID
- Directed tutoring of students in physics laboratory
- Collaborated with professors for extra curriculum class lesson plans
- Recruited tutors to join physics laboratory

Projects

BYU-I   April 2021 - July 2021
Good to Go Statistical Consulting Project   Rexburg, ID
- Utilized statistical methods to uncover placement strategies of top performing gas stations
- Discovered automated ways to collect data for all gas stations in US
- Presented next business tactic to G2G following top performing gas stations

BYU-I   January 2020 - April 2020
Determining Relative Luminosities   Rexburg, ID
- Measured emission spectra of certain elements and different types of light bulbs
- Studied and measured a specific spectrum of light through spectrometry
- Analyzed data to determine what relative luminosities of each light source

Key Skills

- R-Studio
- Python
- SQL
- Big Data
- Tableau
- Machine Learning

Adam Romriell

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Education

Brigham Young University - Idaho   Expected July 2022
BS, Data Science – Accounting Minor   Rexburg, ID
- GPA – 2.893
- Vice President of Projects | BYU-I Data Science Society

Tools

Competent:
- R
- Excel

Basic:
- Power BI, Tableau
- Microsoft Office
- SQL
- Python

Experience

Student Data Analyst   December 2021 – Present
Brigham Young University - Idaho   Rexburg, ID
- Assisted in formatting Power BI reports to make the presentation of data intuitive
- Researched methods to automate data gathering processes using web scraping packages in R and functions to make a more efficient program
- Prioritized tasks for different projects to get them finished before established deadlines

Data Science Lab Tutor   Sept 2021 – Present
Brigham Young University - Idaho   Rexburg, ID
- Explained R and Python error messages to struggling students
- Expanded students' vision of what visuals can be made with code
- Demonstrated various R and Python data science packages which helped students to accomplish complex tasks

Student Data Analyst   May 2021 – June 2021
Brigham Young University - Idaho   Rexburg, ID
- Contributed to a report-making program which provides teachers information to effectively evaluate courses which reduced the amount of time to produce the report from 2 week to 2 – 3 days
- Created a dynamic visual based on a wireframe that shows the course rating for the last 5 semesters
- Learned and applied officeR, an R package, to attach visuals made in R to a word document
- Designed a web-scraping application to automatically download data which will be used in later visualizations

Data Consultant   Mar 2021
Mrs. Powell's Bakery   Rexburg, ID
- Identified, through statistical tests, that adding a breakfast menu helped the business weather the pandemic despite a significant decrease in sales
- Wrangled available user data into a workable format to perform a paired samples t-test, a Wilcoxon signed-rank test, and a linear regression
- Compiled a succinct report explaining the analysis and breaking down complex statistical processes for the business owner