Logan Schelly

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Work Experience

Data Analyst and Junior Software Developer   Alamo, CA
Tanius Technology LLC   Aug 2020 – Aug 2022
- I reduced the time spent evaluating fix-and-flip home purchases from 3 hours to 30 minutes using visualizations created using BeautifulSoup, Python, and Google Sheets with Zillow data.
- I wrote a visualization tool for a bond futures trader for the volume of buy and sell trades during regional trading hours using python (matplotlib).
- I significantly sped up our SSIS and C# market data research pipeline by rewriting a data structure and parallelizing with HTCondor.
- I fixed bugs in monthly volume statistics and Twilio-based phone alerts with our live record-keeping and pricing application in C#.
- A mentor and I optimized the use of SQL queries of an electronic OTC blotter written in C#.

Operations Specialist   Alamo, CA
Tanius Technology LLC   March 2021 – Aug 2022
- I handled several states' tax issues resulting from COVID-related employee relocations.
- I transitioned the company to a new payroll provider, and ran payroll for 35 employees.
- I researched 401(k) plans and did employer-side administration after the owner chose a plan.
- I did bookeeping and compliance for 2 of the LLCs the co-owner had.

Head Upper Division Tutor   Provo, UT
BYU Math Lab   Sep 2014 – April 2020
- Led a team of 10-20 tutors for multivariable calculus, linear algebra, and differential equaions.

Education

Bachelors of Science in Mathematics   April 2020
Brigham Young University
- Applied and Computational Mathematics Emphasis (ACME) with a CS minor.
- Coursework on machine learning, control theory, optimization, and systems programming.

Skills

Programming Lanugages: Python • C • C++ • C# • Java • JavaScript

Other Tools: LaTeX• Spreadsheets • SQL • Git • HTML

Soft Skills: Tutoring • Public Speaking

Projects

Math Lab Student Sign Up Analysis   Fall 2019 – Winter 2020
- Consolidated data spread across 60+ Excel files.
- Used Pandas to analyze the almost 900,000+ instances of students signing up for tutor help.
- Identified busiest times of the week, and the topics students most often came in for help with.

Hobbies and Interests

Running • Hiking • Biking • Scenic Routes