

Logan Schelly

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Work Experience

Operations Specialist and Data Analyst

Alamo, CA

Tanius Technology LLC

Aug 2020 – Aug 2022

- Payroll, 401(k), compliance, and other administrative tasks for a trading firm with 35 employees.
- Data visualization for both derivative traders and real estate fix-and-flips.
- Used SSIS, condor, and C# to parallelize a data pipeline for market events prior to trades.
- Debugging of a live recordkeeping and pricing application.
- Billing, bookkeeping, and banking for the owner's other corporations and household.

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 equations.
- Conducted weekly prep meetings for my 10-20 fellow tutors.
- Coordinated and taught exam reviews for class sizes ranging between 10 and 200.
- Rewrote the tutor handbook, and wrote a proofs section for the application test.

Applied Math TA

Provo, UT

BYU Math Department

Winter 2019

- 3 times a week I held office hours to help ACME juniors with their Optimization and Mathematical Analysis homework.
- Usually helped between 5 and 10 students.

AVID Tutor

Hemet, CA

Hemet Unified School District

October 2013 – April 2014

- Worked as a tutor to students in Hemet High School's AVID program.
- Mentored groups of 4 to 6 students in any homework assignment they needed help with.
- Helped students identify root misunderstandings of concepts, instead of rote memorization.

Private Tutor

Hemet, CA

Self Employed

September 2012 – April 2014

- Tutored 6 different students individually. The students were in middle school and high school.

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.

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