

Dallin Stewart

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EDUCATION

B.S. Applied Computational Math Emphasis (ACME) - 3.99 GPA

- Brigham Young University, Provo, Utah
Graduation: April 2024
- Computer Science Minor, Data Science and Machine Learning Concentration
- BYU Full Academic Scholarship
Math Department Dean's List 2022
- Clubs: Events VP - BYU Data Science; Electronics Engineer - BYU Racing

SKILLS

Fluent Spanish	Python	Projection Modeling	HTML/CSS
CRM Software	C++	Process Automation	Dash
Android Programming	Java	Database Management	Optimization

EXPERIENCE

Intern Analyst — Wells Fargo

6/2022 - 8/2022

- Analyzed several algorithms to optimize entity-matching for financed emission calculation
- Improved the tactical approach of the Climate Initiative Analytics team with a Levenshtein algorithm
- Taught and presented on name-matching techniques to the data analytics community at Wells Fargo

Research Assistant — Brigham Young University

1/2022 - Present

- Constructed and applied prior distributions for landslide parameters with bayesian statistics and Gaussian Mixture modeling to determine the source of the 1860 Indonesia tsunami with limited and uncertain data

Post Closer — CMG Financial

4/2022 - 6/2022

- Improved data entry performance by proactively developing process automation software
- Uploaded documents and performed corresponding data entry thoroughly and efficiently

Program Director — The Arizona Tempe Mission

8/2020 - 4/2021

- Developed a CMS software to refer over 50 leads per day from Facebook to local representatives
- Executed a \$30,000 annual marketing strategy across 10 Facebook pages to improve lead conversion
- Implemented a prescriptive dashboard with KPIs for lead conversions
- Designed and published a website called azldschurches.org
- Performed weekly individual and group training to improve client relationships and performance
- Built a free English class in 7 cities with 42 teachers, 150 students, and 7,000 followers in 8 months

PROGRAMMING PROJECTS

Car Market Analyzer	(Python) scrape online car sale data to find deals and trends	2023
Entity-Matching Algorithm	(Python) map loans to emission data with fuzzy name matching	2022
Family Map Android App	(Java) app and server to view family history data with SQL and UI	2022
Datalog Compiler	(C++) built a compiler from scratch to run datalog programs	2021
Statistical Coup Algorithm	(Java) \$1500 scholarship for simulating a game called Coup	2018