

Dallin Stewart

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EDUCATION

B.S. Applied and Computational Mathematics - 3.99/4.00 GPA

April 2024

Brigham Young University

- Computer Science Minor
- Data Science and AI/ML Emphasis
- BYU Full Academic Scholarship
- Math Department Dean's List

SKILLS

Python	REST API	OpenCV	Deep Learning	Clubs:
C++	HTML/CSS	Pandas	Backend Development	- Events VP: BYU Data Science
Java	SQL	PyTorch	Data Visualization	- Data Analyst: BYU Racing Club

EXPERIENCE

Software Engineering Intern — Ericsson 6/2023 - 8/2023

- Promoted communication with an Agile project request form in Python using rest API and custom UI
- Ensured product compliance by automating country code correction with a fuzzy matching Python algorithm
- Simplified product intake and reduced waste by collaboratively building the API backend for an Ignition app

Intern Analyst — Wells Fargo 6/2022 - 8/2022

- Optimized speed and accuracy by 20% for emission calculation with entity-matching algorithm analysis
- Improved the tactical approach of the Climate Initiative Analytics team with a Python Levenshtein algorithm
- Presented and coached name-matching techniques dozens of data analytics and business professionals

Research Assistant — Brigham Young University 1/2022 - 5/2023

- Constructed prior distributions for landslide parameters with bayesian statistics and Gaussian Mixture modeling in Python 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 and efficiency by 40% with a process automation Python program

Program Director — 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
- Performed weekly individual and group training to improve client relationships and performance
- Launched a free English class in 7 cities with 42 teachers, 150 students, and 7,000 followers over 8 months
- Implemented an interactive, real-time dashboard with KPIs for lead conversions with Google Sheets

PROGRAMMING PROJECTS

Celebrity Look Alike	(Python) Award-winning facial recognition algorithm in ACM hackathon (view)	2023
Analytics Dashboard	(Python) Vehicle performance analytics and visualization with Dash (view)	2023
Car Market Analyzer	(Python) Scraped car sales to for analysis and finding damage with AI (view)	2023
Entity-Matching Algorithm	(Python) Correlated noisy loan titles to emission data with fuzzy name matching	2022
Family Map Android App	(Java) Android app and server to view family history with SQL and API (view)	2022
Datalog Compiler	(C++) Optimized custom parser and compiler to run datalog programs (view)	2021
Statistical Coup Algorithm	(Java) \$1500 scholarship for a statistical AI to simulate and play the game Coup	2018