

# Andrew Lowe

510-516-3086 | joweandrew@gmail.com [linkedin.com/in/andrewjowe](https://www.linkedin.com/in/andrewjowe) | [github.com/random-logic](https://github.com/random-logic)

## EDUCATION

### University of California, Davis — GPA 3.9

Computer Science (B.S.), Statistics (B.S.), Economics Minor

Davis, CA

Sep. 2021 – Jun. 2025

## EXPERIENCE

### Software Engineer Internship

Technical Consulting & Research, Inc.

Jan. 2025 – Present

Remote

### Project Lead

Davis Data Science Club

Jan. 2025 – Present

Davis, CA

- Building a more accurate demand forecast hybrid model using regression and deep learning

### Software Engineer - Product Cohort

Google Developer Student Club

Oct. 2023 – Present

Davis, CA

- Google sponsored club, coding solutions for companies/clients and collaborating in cross-functional teams
- Accurately translated a Figma design to a responsive website with same palettes, fonts, spacing, and appearance
- Applied industry practices such as modularized components, responsiveness across devices, and readable code
- Developed an app offering restaurant food recommendations based on nutrition targets using KNN algorithm

### CS Tutor

University of California, Davis

Oct. 2024 – Dec. 2024

Davis, CA

### Platform Team Software Developer

#include

Nov. 2023 – Jun. 2024

Davis, CA

- Set up Prisma ORM for querying from PostgreSQL database, data modeling, and type safety
- Configured Apollo and GraphQL for type safety, reduced over-fetching, and password authentication

### Data Scientist

AI Student Collective

Oct. 2023

Davis, CA

- Created model for stroke prediction with 95% success rate using Seaborn, Pandas, and Sci-kit Learn

### Frontend and Backend Developer

University of California, Davis

Jun. 2023 – Sep. 2023

Davis, CA

- Developed a learning website with highly interactive, randomized, and auto-graded quiz questions for professor

### Business Owner

Sole Proprietor

Jan. 2021 - Jun. 2022

San Ramon, CA

- Generated \$600k in revenue and around \$100k in net profits from a home-based business
- Sourced and purchased computer inventory through distributors on credit cards, sold it, and managed cash flow
- Researched, built, tested, optimized, and troubleshooted mining rigs and computer parts for end consumers

## PROJECTS

### Personal Portfolio Website | React, Nextjs, Typescript, Tailwind CSS

Jan. 2025 – Present

### GitHub Issue Ticket Bot | Python, LLMs

Feb. 2025

### Movie Recommendation System | Python, Torch, Variational Auto-Encoders

Oct. 2024 – Dec. 2024

### Mars Website | React, Nextjs, Typescript, Tailwind CSS, Firebase, RESTful API, Zod

Nov. 2024

### Dog Breed Image Classification, >= 90% model accuracy | Keras, CNNs, Sklearn

Mar. 2024

### Student Networking IOS App | SwiftUI, Git, Firebase, MVVM Architecture

Jan. 2024 – Mar. 2024

### Allergen App | Figma, Flutter, Dart, Android Studio, Google ML-Kit, Git, Material UI

Aug. 2023 – Sep. 2023

## SKILLS

**Languages:** Python, C / C++, JavaScript / Typescript, HTML / CSS, Dart, R, C#, Java, SQL

**Frameworks/Tools:** React, React Native, Node.js, Next.js, Flutter, Git, VS Code, Figma, IntelliJ, Docker

**Libraries:** Google ML-Kit, Firebase, MongoDB, Tailwind CSS, Material UI, PostgreSQL, Apollo/GraphQL, Prisma

**Coursework:** Artificial Intelligence, Machine Learning, Statistical Modeling, Linear Programming, IOS Development, Computer Architecture, Regression/Variance Analysis, Algorithm Design, Operating Systems, Computer Vision