

AXEL GARCIA

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Education

University of California, Berkeley
Master of Science in Data Science

Berkeley, CA
Aug. 2022 - Present

University of California, Santa Cruz
Bachelor of Science in Computer Science

Santa Cruz, CA
Sep. 2018 - Mar. 2020

Work Experience

Positioning Universal

Software Engineer in Test

San Diego, CA
Feb. 2022 - Dec. 2022

- Design, develop, and maintain test automation scripts for firmware and hardware.
- Ensure the proper deployment of firmware-over-the-air to thousands of IoT devices across the world.
- Help solve issues in firmware through testing and collaboration with firmware engineers.
- Developed a tool which gathers data from databases using REST APIs, parses and cleans the data, and outputs a visual representation of said data in order to more efficiently detect anomalies.

Shake Shack

Cross Trainer

San Diego, CA
Mar. 2020 - Feb. 2022

- Train new and existing employees, as well as newly incoming managers, on various stations.

Baskin School of Engineering

Tutor

Santa Cruz, CA
Jan. 2019 - June 2019

- Tutored undergraduate students in MIPS architecture, assembly language, and their lab assignments.

Shake Shack

Trainer

San Diego, CA
June 2018 - Sep. 2018

- Trained new employees on various stations.

Team Member

Oct. 2017 - June 2018

Experience and Skills

Programming Languages: C++, Java, C, Python, Dart, Haskell, Rust

Project Management: Experience with Agile and Scrum. Project manager and Scrum master for Software Engineering project.

Version Control: Experience with Git.

Miscellaneous: Visual Studio, Selenium, Node.js, Flutter, Android Studio, Xcode, databases, Unix-like operating systems internals, Pandas

Projects

Feedly Open Articles (github.com/SolidAxel/feedly-open-articles)

HTML, JavaScript

Firefox extension which allows Feedly users to open all saved or unread articles in background tabs.

SocialShopper (github.com/SolidAxel/cse115)

Dart, Flutter, Firebase, JS

Mobile application written in Dart with the Flutter framework. App allows roommates to compile a communal shopping list while keeping tab of each person's amount due. Responsible for setting up app's backend and some UI design and implementation.

USAFEC (github.com/SolidAxel/usafec)

JS, Node.js, NPM

Website that provides a visual analysis of individual donations to Democratic and Republican candidates from 1980 to 2020 by state, from FEC data. Responsible for setting up website's backend and frontend.