Axel Garcia

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Education

University of California, Berkeley — Berkeley, CA
Master of Science in Data Science — **Aug. 2022 - Present**

University of California, Santa Cruz — Santa Cruz, CA
Bachelor of Science in Computer Science — **Sep. 2018 - Mar. 2020**

Work Experience

Positioning Universal — San Diego, CA
Test Automation Engineer — **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 — San Diego, CA
Cross Trainer — **Mar. 2020 - Feb. 2022**

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

Baskin School of Engineering — Santa Cruz, CA
Tutor — **Jan. 2019 - June 2019**

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

Shake Shack — San Diego, CA
Trainer — **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.