

# AXEL GARCIA

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## Education

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

Santa Cruz, CA  
**Sep. 2018 - Mar. 2020**

## Work Experience

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**Positioning Universal**  
**Test Automation Engineer**

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

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**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, Node.js, Flutter, Android Studio, Xcode, databases, Unix-like operating systems internals, Pandas

## Projects

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**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.