

# 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 - March 2020**

**San Diego Mesa College**  
Computer Science Major, Transfer

San Diego, CA  
**Sep 2017 - June 2018**

## Work Experience

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**Positioning Universal**

**Test Automation Engineer**

- 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 tool which both gathers data from devices' backend using a REST API and detects abnormalities in gathered data.

San Diego, CA  
**February 2022 - Present**

**Shake Shack**

**Cross Trainer**

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

San Diego, CA  
**March 2020 - February 2022**

**Baskin School of Engineering**

**Tutor**

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

Santa Cruz, CA  
**Jan. 2019 - June 2019**

**Shake Shack**

**Trainer**

- Trained new employees on various stations.

San Diego, CA  
**June 2018 - Sep. 2018**

**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, full-stack software development.

## 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, JavaScript*

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)

*JavaScript, 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.