

# Trevor O'Neil

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## Technical Skills

Frameworks: Django – Flask - Swift

Programming Languages: C++ – C – Java – Python – JavaScript – SQL

Frontend Technologies: HTML – CSS – Bootstrap

Tools: Ant – Maven – GCC – Git – Docker – AWS Cloud Services such as RDS – EC2 – SQLAlchemy – xCode – Heroku – Linux – Windows – Visual Studio – REST API – Code::Blocks – XML – Ajax – Celery – Bash – HCI

## Work Experience

**[Software Engineer] | [Full-Time] | [Cisco]**

[June 2021] – [Present]

- Leading the development of automated regression test cases for a team of QA Engineers in HCI (Hyperconverged Infrastructure). Managing two subcontractors beneath me to distribute and delegate workloads evenly. Directly reported to me on a weekly basis for updates on progress and status.
- Interfaced with the APIs of all of these technologies with Python and Open source libraries or in-house libraries: Hyperflex, vCenter, vSphere, Esxi, Intersight, UCS (Unified Computing System), Fabric Interconnect, Virtual Machines.
- Automation was written in Python with the support of an internal Cisco framework. Managed the entire development lifecycle of all test cases. Provided bug and feature support to users with the Mantis ticketing system. Lead an automation meeting held once a week with all stakeholders of the project for critical feedback and status updates.

**[Software Engineer] | [Intern] | [Ampere]**

[February 2019] – [July 2020]

- Designed, implemented, and supported an innovative solution for Test Automation using Python3, XML, SQL, Celery, Flask, and Ajax.
- Developed a highly available application and distributed tools that accelerated the development and test workflows. · Integrated a Python3 with the Beaker API to enhance processes and reduce click through rate of coworkers by up to 90%. · Wrote fast, effective, maintainable, and simple developer facing code with proper detailed technical documentation.

## Side Projects

- **KAWAII-MART:** Organized and led a team of ten people in the development of a simple grocery store app. Worked closely with the developers in a Scrum Agile environment and Ensured that I continuously provided peer coding reviews including feedback on performance, scalability and correctness.
- **FirstResponse:** Currently designing, implementing and developing an application on iOS that allows users to keep in contact with family members and concerned friends in case of disaster scenarios, programmed in Swift.
- **Window of Opportunity:** Developed an application that is used by sales representatives for a local window contracting construction company in San Jose, CA to reduce quote generation time for clients from weeks to minutes. Lead a team of 3 people utilizing a Scrum Agile development process.

## Education

- B.S. Software Engineering - San Jose State University
- Mathematics - American River College A.S.
- Mathematics & Physical Sciences - A.S.
- Computer Science - A.S.