Shogo Nakamura

📍 Los Angeles, CA ✉ shogonakamura21@gmail.com in shogonakamura21 📞 (626) 646-6148

↖ Portfolio

Education

09/2017 – 03/2020	**University of California, Irvine** *Bachelor of Science, Computer Science*

Experience

06/2018 – 03/2020

Quality Assurance Engineer Intern
Prism Software
- Implemented 100+ test cases in Python3 for unit testing (PyTest) using the company's API which helped decrease regression testing time by more than 50%.
- Collaborated in developing a framework that installs the latest build, pulls the latest code changes from GitHub, executes over 400 test cases, emails the test results, and uploads the test results to Jira.
- Automated incoming bug tickets to be sorted by priority and introduced a verification system in which to decide whether the bug is reproducible or not.
- Perform inspections and conduct testing to locate defects in the software and report results to the respective Engineering teams.

Projects

03/2020 – 04/2020

Portfolio (HTML5/SCSS/JS)
- Programmed portfolio from scratch using various scripting languages to showcase personal goals and achievements.

03/2020 – 04/2020

Encrypted File Viewer and Editor (C)
- Generate a new file given a valid directory and view/edit an existing file which was encrypted using Caesar Cipher.

02/2020 – 03/2020

Real Word Concurrency (Java)
- Multiple users attempt to write to a virtual disk and printer, where the data is evenly distributed to each thread using concurrency.

01/2020 – 03/2020

Volt-Meter (C)
- Collaborated to design a breadboard circuit using an Atmega32 Microcontroller that reads voltage and displays the average, minimum, maximum, and current voltage.

01/2020 – 03/2020

Process and Resource Manager (Python3)
- Mimic how processes are stored and released in computers using various data structures.

Languages and Technologies

Python3 *(Proficient)* • **C** • **C++** • **Java** • **HTML** • **CSS** • **Bootstrap** • **ReactJs**

Tools and Skills

VIM • GIT • VSCode • Unix