

Education

University of California, Irvine

Graduating June 2020

Major: Computer Science, B.S.

GPA: 3.5/4.0

Programming Coursework: Data Structures and Algorithms, Programming in C/C++, Intermediate Python Programming, Operating Systems, System Design Principles and Computer Network Security

Experience

Esurance

San Francisco, CA

Software Engineer Intern, Policy Management Front-End

June 2019 – September 2019

- Developed an end to end web application using microservices and a new technology stack to improve code base maintainability and app performance, utilizing React.js, Redux, and Node.js in the new technology stack
- Optimized coding efficiency for user interface components by reducing lines of code by 40% and reduced overall development time by 30% compared to the existing monolithic application for similar application flows
- Designed the architecture and implemented the complete web application project alongside a principal engineer

NeighborING

Irvine, CA

Software Engineer Intern, Web Development Front-End

October 2018 – January 2019

- Automated manual processes such as client payments for services, crowdsourcing of college candidates, and matching candidates with clients alongside a team of three utilizing React.js, CSS, Node.js and MongoDB
- Integrated new features and re-designed existing parts of the application such as user interface components

Delta Sigma Pi

Irvine, CA

Director of Technology

December 2017 – October 2018

- Developed and maintained the website of a professional business fraternity utilizing HTML, CSS, JS, and GitHub
- Improved UI through efficiency improvements, resulting in a 33% decrease in page load time from an average of 3000ms load time to less than 2000ms through methods such as browser caching and resource compression

Projects

Personal Website: <https://neilwong.github.io/> (for additional information and projects)

Job Buddy

February 2019

- Placed 1st for best web application at HackUCI 2019 against more than a dozen other competing teams
- Created a Chrome web application to assist students applying for internships by streamlining the process of tracking their applications, storing application information and status within a database in a single-click
- Utilized JSON, HTML, CSS, Bootstrap and Firebase storage

Android Earthquake Tracker App

July 2018

- Designed an Android app that allows users to make filtered network requests for earthquake data
- Integrated asynchronous task loaders so users can scroll through data while waiting for online data retrieval
- Added JSON parsing in order to organize and display network requested information onto a user-friendly UI
- Utilized Java, XML, JSON, Android Studio and the USGS Earthquake API

Skills and Interests

Languages and Technologies

- Proficient: Python, React.js, Redux, Javascript, HTML5 / CSS3
- Beginner: C++, Java, SQL, Node.js, MongoDB, Express.js, Babel, Webpack

Interests: Hip-hop dancing, Guitar, Reading, Fitness, Cooking