Michelle Nguyen
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Education

University of California, Irvine   September 2016 – June 2020
Bachelor of Sciences in Computer Science, Specialization in Information
Cumulative GPA: 3.76

Work Experience

Hardware Tech (Temp)   February 2022 – Present
- Contracted by staffing agency R&D Technical Services (assigned to Analog Devices Inc.) to maintain Test Hardware Inventory of 36,000+ hardware used for Production and Engineering.
- Collaborated with project managers and planners in transferring hardware at a rate of 240+ hardware per week to oversea test sites. Utilized SQL Server expertise to pull data from hardware inventory databases to analyze and guide the progress of transferred hardware.

Leadership Experience

Intermediate Programming and Data Structures Course Lab Tutor   September 2018 – June 2019
Undergraduate Tutor
- Actively assisted students 4-5 hours a week on lab assignments by breaking down complex data structure concepts to students in C++.
- Worked to solidify students' understanding of Python and to extend their knowledge and their ability to use the language to solve problems.

Projects

Fabflix – Web Application   December 2019
Front/back-end role
- Developed a web application that allows a user to search, browse, and purchase movies. Technologies used included Java, MySQL, AWS, as well as front-end technologies (HTML, CSS, JavaScript, jQuery, AJAX).

Bingle – UCI Search Engine
May 2019
Back-end role
- Produced a complete search system for the entire UCI ICS domain websites. Technologies used in this project include (Python, Flask, MongoDB, HTML/CSS).

SD Hacks 2018 at the University of California, San Diego   October 2018
Back-end role
- Developed an android app called Blink that uses NFC technology to send business information from one user to another in the "blink of an eye".
- Worked with Android Studio along with Google Firebase to create a database to store user information and perform user authentication.

Technical Skills

Languages:
   Python (Intermediate), C/C++ (Familiar), HTML/CSS (Familiar), JavaScript (Familiar), Java (Familiar)
Other Technical Skills Familiar with:
   MySQL, MongoDB, Git, Power BI, Windows OS, Linux OS, Google Firebase, Visual Studio Code, AWS

Relevant Coursework:
- Machine Learning and Data Mining
- Project Course in Computer Vision
- Principles in Operating Systems
- Project Course in Embedded Software
- Design and Analysis of Algorithms
- Computer Networks
- Project Course in Databases and Web Applications
- Data Structures Implementation and Analysis
- Human-Computer Interaction