

## 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

### Leadership Experience

Data Structures Implementation and Analysis Course Lab Tutor

September 2018 – December 2019

*Undergraduate Tutor*

- Actively assisted students 4-5 hours a week on lab assignments by breaking down complex data structure concepts to students
- Strengthened communication skills by working closely with course instructors and Teaching Assistants

Intermediate Programming Course in Python Lab Tutor

January 2019 – June 2019

*Undergraduate Tutor*

- Worked with students 4-5 hours a week to solidify their basic understanding of Python and to extend their knowledge and their ability to use the language to solve problems
- Worked closely with course instructors by compiling a weekly report discussing details of each lab session such as whether students had trouble applying course material in lab assignments

### 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).

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, Windows OS, Linux OS, Google Firebase, Visual Studio Code, AWS

Relevant Coursework:

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