Michelle Giang

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School Address:
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Profile/Objective

I am a fun-loving woman looking for a job opportunity in order to bring to life my programming skills in Java, JavaScript, HTML, SQL, and other languages to program applications that could be shared with everyone.

Education

University of Illinois at Urbana-Champaign, CS Major, Business Minor, Undergraduate Student, Class of 2020

- **CS 418** – Interactive Computer Graphics, **CS 498WN –** Wireless Network Lab, **CS 498VR** – Virtual Reality, **CS 465** – User Interface Design, **CS 440** – Artificial Intelligence, **CS 411 –** Database Systems, **CS 498KA** – Experimental Methods in HCI & Interactive Technologies, **CS 498RK** – Art and Science of Web Programming, **BADM 381** – Multinational Management, **FIN 230** – Intro to Insurance

West Windsor – Plainsboro High School North, Plainsboro, NJ (2012-2016)

- **AP Computer Science -** Grade: A|AP Exam: 4

Skills

- **Programming Languages:** JAVA, C++, JavaScript, Vue.js, React, Kotlin, PHP, SQL, NoSQL, Python, C#
- **Operating Systems:** Windows, Google Chrome, Unix, Linux
- **Game Engines:** Unity

Internship

Target | Software Engineer Intern | June 2019 – Aug 2019

- Part of the Domestic Transportation Foundation team, working with a product owner to build upon pre-existing code to create a dashboard displaying transit times for Target's transportation system
- Created an Edge API that connects to APIs being used for the dashboard so the UI is only using the Edge API
- Used React and Redux to build the UI, Material UI for consistent styling, and Cypress for UI testing
- Used Spring Framework to write the API, JPA repository for the database, and JUnit to test the controller and service
- Practiced Agile principles for weekly sprint planning and used Jira board to keep track of progress

AbbVie | Rapid Application Developer Intern | April 2018 – Present

- Worked with a graphic designer to create an ADC dashboard for a bio team's client trials
- Used Vue.js to create a dashboard modeled after the graphic designer's prototype
- Created a call to a pipeline containing JSON data to display on the site

Bloomberg | Software Engineer Intern | Feb 2016 – Aug 2016

- Modified code for a bucket/object explorer called BCOS explorer modeled after the Amazon S3 explorer
- Created the pagination buttons, search box, breadcrumbs, metadata column, and browser back button for the explorer
- Used HTML 5 History API to save the browser history
- Used behave to write unit tests to check that the HTTP requests can be made to both the NJ servers and the NY servers

International Experience

Pohang University of Science and Technology | Distributed Processing & Network Management Lab with Professor James Won-Ki Hong | Undergraduate Researcher | June 2017 – July 2017

- Created an IoT project called RoomMonitor, which uses temperature/humidity sensors attached to an Arduino to record the temperature and humidity of the classroom
- Developed a localhost website with Wamp64 to display the real-time classroom data

Skills/Extracurricular Activities

ACM: Treasurer/Secretary/Social Media Manager of SIGGRAPH (Computer Graphics)
Course Assistant: CS 125 (Intro to Programming), IPENG buddy (Study Abroad)
Clubs: International Illini
Tutor: Project READ