

# Michelle Giang

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School Address:  
502 W. Green St. #210  
Urbana, IL 61801

Permanent Address:  
3 Mahogany Ct.,  
Plainsboro, NJ 08536

## Profile/Objective

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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

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**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

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- **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

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**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 in Kotlin 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

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**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

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**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