

# Michelle Giang

[michi.giang@gmail.com](mailto:michi.giang@gmail.com)

[msportstar97.github.io](https://msportstar97.github.io) | [linkedin.com/in/michelle-giang](https://linkedin.com/in/michelle-giang)

## Experience

---

**Google** | Software Engineer | July 2020 – Present

**AbbVie** | Rapid Application Developer | April 2018 – June 2020

- Worked with a graphic designer to create an ADC dashboard for a bio team's client trials
- Used Figma to create prototypes of the dashboard and Trello board to keep track of progress
- Used Vue.js to create a dashboard modeled after the prototype
- Created a call to a pipeline containing JSON data to display on the site
- Helped our team's graphic designer come up with multiple designs for a DiscoveryData Package Dashboard and used Vue.js to create the outline of chosen design
- Refactored dashboards from vue-cli-2 to vue-cli-3 and to include routers
- Created web components in Vue so that they could be used for the many dashboards used internally
- Created the admin page of a dashboard which acts as an internal wiki of research for AbbVie and worked with team on connecting the admins and pages with endpoints

**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

**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

**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

## 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

## Education

---

**University of Illinois at Urbana-Champaign, BS Computer Science, Minor of Business Administration**

**Class of 2020, August 2016 – May 2020**

**CS** – Interactive Computer Graphics, Virtual Reality, User Interface Design, Artificial Intelligence, Database Systems, Experimental Methods in HCI & Interactive Technologies, Art and Science of Web Programming

**Business** – Multinational Management, Intro to Insurance

## 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