Michael Kim

2A Computer Science at University of Waterloo

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Skills

- Experienced in: **C++, JavaScript, Node.js, HTML, CSS, Git**
- Familiar with: **React, jQuery, Python, Java, Arduino, LaTeX**
- High proficiency in French (verbal + written) and Korean (verbal)
- Excellent collaborative skills and independent work ability developed through numerous projects
- Learns quickly through self-teaching and self-motivation

Work Experience

Yahoo! — Software Engineering Intern — Sunnyvale, CA   May 2017 - Aug 2017

- Implemented new front-end features and fixes for new desktop Yahoo Mail platform
- Created upcoming mail module that displays important emails for users on Yahoo homepage
- Worked with test-driven and agile development to provide efficient and effective code
- **Technologies: React, Redux, Node.js, Mocha, Jest, Protractor, Jira**

Projects

Hestia — /Hestia & /hestia-apps (hestiaroom.herokuapp.com)   Feb 2017 – Present

- Created web app for developers to easily launch multi-user and real-time web apps
- Utilizes "rooms" to create instances of web apps for specific groups of users
- **Technologies: Node.js, Socket.io, Express, Heroku**

MercuryWM — wheel-org/mercurywm   Aug 2017 – Present

- Created multi-windowed terminal environment for Chrome's new tab page
- Refactored original jQuery code with React-Redux architecture
- **Technologies: React, Redux, Webpack, Chrome Extension**

Wheel — (Google Play: Wheel – Expenses Tracker)   May 2017 – Aug 2017

- Built backend for Android expenses tracking app
- Created API which stores and retrieves user information using Firebase database
- **Technologies: Firebase, Node.js, Express**

Enlighten — /Enlighten (enlighten-game.herokuapp.com)   Jul 2015 – Aug 2016

- Created collaborative multiplayer web game in JavaScript
- Reduced payload size and optimized canvas drawing to double gameplay speed
- **Technologies: Node.js, Socket.io, Express, Heroku**

Education

University of Waterloo — Candidate for Bachelor of Computer Science, Co-op   2016 – 2021

- President's Scholarship of Distinction (95%+ admissions average)
- Michael Egan Entrance Scholarship in Computer Science (academic merit)

Interests

- Hobbies include rhythm games, composing music, solving Rubik's Cubes
- Interested in machine learning, compiler construction, game development