

Michael Kim

2A Computer Science at University of Waterloo

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Skills

- Languages: JavaScript / ES6, C++, Python, Java, HTML, CSS, Sass
- Tools: Node.js, React (+ Native), Redux, jQuery, Git, Bash, Firebase, Heroku
- High proficiency in French (verbal + written) and Korean (verbal)

Work Experience

Facebook — Front End Engineering Intern — Menlo Park, CA Jan 2018 - Present

- Working on front-end features for personalized videos editor
- Developing on desktop, mobile website, and mobile native platforms
- **Technologies:** React, React Native, Redux, Node.js, Hack

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

- Implemented new front-end features and fixes for new desktop Yahoo Mail platform
- Created new mail module that displays important emails for users on Yahoo homepage
- Added opt-out survey when switching to old Mail version to collect user feedback
- **Technologies:** React, Redux, Node.js, Mocha, Jest, Protractor, Jira

Projects

MercuryWM — 🌀 wheel-org/mercurywm & 🌀 wheel-org/mercurywm-scripts Aug 2017 - Present

A Chrome extension that transforms the new tab page into a multi-windowed terminal environment

- Refactored original jQuery code with React-Redux architecture
- Created virtual file system in JSON with commands for navigating and editing
- Developed module API and manager to extend features with custom user modules
- **Technologies:** React, Redux, Webpack, Chrome Extension

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

A web app for developers to easily launch real-time multi-user web apps

- Utilizes "rooms" to create instances of web apps for specific groups of users
- Implemented API for client-server communication and player management
- Improved app runtime to reduce additional latency compared to standalone app down to 10 ms
- **Technologies:** Node.js, Socket.io, Express, Heroku

Wheel — 🎮 Google Play: Wheel - Expenses Tracker May 2017 - Aug 2017

An expenses tracking Android app for splitting group costs

- Created back-end API which stores and retrieves user information using Firebase database
- **Technologies:** Firebase, Node.js, Express

Education

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

Interests

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