Michael Kim

2B Computer Science at University of Waterloo

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Skills

- Languages: **JavaScript (ES8)**, **C++**, **Python**, **HTML / CSS (Sass)**
- Tools: **Node.js**, **React (+ Native)**, **Redux**, **Flow**, **jQuery**, **Git**, **Bash**, **Firebase**, **Heroku**

Work Experience

Facebook — Front End Engineering Intern — Menlo Park, CA   Jan 2018 - Apr 2018
- Created friend picker for users to select friends to make a Friends Day video
- Added editor functionality that allows users to zoom and crop photos in their videos
- Implemented view rasterization to show editor live preview as share thumbnail
- **Technologies: React, React Native, Redux, Node.js, Hack, Mercurial**

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

Runes Profiler — /runes-profiler (runes-profiler.herokuapp.com)   Dec 2017 - Present

A web app that compares rune usage of League of Legends players
- Queries game's API to fetch player data and update database
- **Technologies: React, Node.js, Express, Webpack, Firebase, Heroku**

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
- Created virtual file system in JSON with commands for navigating and editing
- Developed module API and manager to extend features using custom user modules
- **Technologies: React, Redux, Webpack, Flow, Travis CI, 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
- 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