

# Michael Kim

3A Computer Science at University of Waterloo

🌐 michael.kim  
🔗 LenKagamine  
📧 michaelkim314@gmail.com  
📧 Avadonia314

## Skills

---

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

## Work Experience

---

**Wish** — Full Stack Engineering Intern — San Francisco, CA May 2019 - Present

- Implementing various features and fixes on the Merchant Dashboard
- **Technologies:** **Python**, **MongoDB**, **Backbone.js**, **React**, **Flow**

**Facebook** — Front End Engineering Intern — Menlo Park, CA Sept 2018 - Dec 2018

- Rewrote launch page from scratch into an SPA with designs based on developer feedback
- Added GraphQL endpoints to provide Relay front-end with similar data as old launch page
- **Technologies:** **React**, **GraphQL**, **Relay**, **Redux**, **Flow**, **Node.js**, **Hack**

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

- Added editor functionality that allows users to zoom and crop photos in their personalized videos
- Implemented view rasterization to show editor live preview as share thumbnail
- **Technologies:** **React**, **React Native**, **Redux**, **Flow**, **Node.js**, **Hack**

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

- 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

---

**15 Puzzle** — 🌀 /15puzzle & 🌀 /15puzzle.js (puzzle.michaelkim.me) Jan 2018 - Nov 2018

A C++ solver for the generalized 15-Puzzle, ported to WebAssembly

- **Technologies:** **C++**, **WebAssembly**, **JavaScript**, **Emscripten**

**Runes Profiler** — 🌀 /runes-profiler (runes-profiler.michaelkim.me) Dec 2017 - Sept 2018

A web app that compares rune usage of League of Legends players

- **Technologies:** **React**, **Node.js**, **Express**, **Webpack**, **Firebase**, **Heroku**

**MercuryWM** — 🌀 wheel-org/mercurywm (🌈 Chrome Web Store) Aug 2017 - Present

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

- **Technologies:** **React**, **Redux**, **Webpack**, **Flow**, **CircleCI**, **Chrome Extension**

**Hestia.io** — 🏠 hestia.io & 🏠 hestia.io-client Feb 2017 - Present

A web app framework that manages instances of multi-user web apps

- **Technologies:** **Node.js**, **Socket.io**, **Flow**, **Babel**, **Jest**

## Education

---

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

## Interests

---

- Hobbies include rhythm games, transcribing music, solving Rubik's Cubes
- Interested in machine learning, UI/UX design, game development