

Michael Kim

1B Computer Science at University of Waterloo
Expected Graduation: April 2021

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Skills

- Experienced in: C++, JavaScript, Node.js, HTML, CSS, Java, Git
- Familiar with: Python, React, Angular, jQuery, Android Studio, 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 - Present

- Implemented new front-end features and fixes for front page and upcoming Mail platform
- Coordinated with designers and developers to add and alter functionality
- Worked with test-driven and agile development to provide streamlined and accurate code
- **Technologies:** React, Flux, Node.js, Mocha, Sinon, Protractor, Jira

Projects

Hestia — /Hestia (hestiaroom.herokuapp.com)

Feb 2017 - Mar 2017

- Created web service and app for developers to launch multi-user and real-time web apps
- Utilizes Shadow DOM to sandbox and execute custom code for any web app
- **Technologies:** Node.js, Socket.io, Express, Heroku's PaaS

Personal Website — /lenkagamine.github.io

Jun 2016 - Present

- Designed and coded portfolio website to showcase personal projects and maintain blog
- Developed with modular code, tags, and smooth page transitions to improve UI
- **Technologies:** Jekyll, Javascript, jQuery, Github Pages, Liquid markup, Sass

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's PaaS

The Reckoner Mobile App — (Google Play: The Reckoner of MGCI)

Aug 2015 - Jun 2016

- Led small team developing mobile app to view student newspaper articles
- Built and published first release in three weeks
- **Technologies:** Android Studio, Java, XML, JSON, Wordpress, REST API

Education

University of Waterloo — Candidate for Bachelor of Computer Science

2016 - 2021

- Relevant courses: Designing Functional Programs, Elementary Algorithm Design
- President's Scholarship of Distinction (95%+ admissions average)
- Michael Egan Entrance Scholarship in Computer Science (academic merit)

Interests

- Hobbies including rhythm games, composing music, solving Rubik's Cubes
- Interested in machine learning, compiler construction, virtual reality