

# 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, jQuery, 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 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

**Wheel** — (Google Play: Wheel - Expenses Tracker) May 2017 - Present

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

**Hestia** — /Hestia (hestiaroom.herokuapp.com) Feb 2017 - Present

- Created web app for developers to 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**

**Personal Website** — /lenkagamine.github.io Jun 2016 - Present

- Designed and coded portfolio website to showcase personal projects and 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**

## Education

University of Waterloo, Ontario — 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 include rhythm games, composing music, solving Rubik's Cubes
- Interested in machine learning, compiler construction, virtual reality