

Michael Kim

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

🌐 michaelkim.me
📄 github.com/LenKagamine
🌐 linkedin.ca/in/michaelkim314
✉ michaelkim314@gmail.com
📧 devpost.com/Avadonia314

Tech Skills

- Proficient in (3+ yrs.): C++, Java, HTML, CSS, Javascript, Wordpress
- Familiar with (< 3 yrs.): LaTeX, Git, Arduino, Node.js, Jekyll, Android Studio, PHP

Soft Skills

- High proficiency in French (verbal + written) and Korean (verbal)
- Excellent leadership skills and independent work ability developed through academics
- Learns quickly through self-teaching

Education

University of Waterloo 2016 – 2021
Candidate for B.CS
(90% 1A Average)

- Relevant courses: *Designing Functional Programs, Elementary Algorithm Design*

Marc Garneau Collegiate Institute 2012 – 2016

Ontario Secondary School Diploma

- Enrolled in **Talented Offerings for Programs in the Sciences**

Awards

University of Waterloo 2016
Entrance Scholarships

- *President's Scholarship of Distinction* (95%+ admissions average)
- *Michael Egan Entrance Scholarship in Computer Science* (academic merit)

Educational Computing 2015, 2016

Organization of Ontario Contest

- Semi-finalist (~ top 25%) for team coding contest out of 400+ teams

Interest

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

Projects

Personal Website Jun 2016 – Present

/lenkagamine.github.io

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

Enlighten Jul 2015 – Present

/Enlighten (*enlighten-game.herokuapp.com*)

- Created multiplayer web game in JavaScript
- Reduced payload size and optimized canvas drawing to double gameplay speed
- **Technologies: Node.js, Socket.io, Heroku's PaaS**

The Reckoner Mobile App Aug 2015 – Jun 2016

(Google Play: *The Reckoner of MGCI*)

- 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**

1315-MH Wind Tunnel Dec 2015 – Feb 2016

/AP-Physics

- Built wind tunnel with force sensors measuring lift/drag forces on airfoils
- Developed GUI interface to control and monitor wind tunnel
- **Technologies: Arduino, Java, Ardulink**

Director of Web Development Sept 2014 – Jun 2016

The Reckoner (*thereckoner.ca*)

- Managed team of six web developers for student high school newspaper
- Oversaw server hosting, delegated tasks to web staff
- **Technologies: Wordpress, PHP**

Volunteering

Jr. Deep Staff Counsellor Jul 2014 – Aug 2014

University of Toronto

- Served as counsellor at Jr. Deep Summer Program
- Organized events and activities with campers, supervised group on excursions
- Responsible for wellbeing of up to 30 grade 4 students