

# Raymond Li

[work@Raymond.Li](mailto:work@Raymond.Li) · <https://Raymond.Li/>

[github.com/Raymo111](https://github.com/Raymo111) · [linkedin.com/in/Raymo111](https://www.linkedin.com/in/Raymo111) · [https://instagram.com/Raymo111](https://www.instagram.com/Raymo111)

## WORK EXPERIENCE

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### Founder and SWE

**EdgePrim Inc.** · May 2020 – Present

- Led team to develop web solutions for 4 small businesses to start/enhance their online presence
- Completed development of responsive, mobile- and SEO-optimised websites
- Set up cloud platforms and provided security features and code sanitization to mitigate DDOS, brute-force, XSS and phishing attacks, eliminating 99% of existing site downtime

### AI Software Development Intern

**Idea Notion Development Inc.** · Jul – Aug 2019

- **DealerAI** team: Engineered an AI chatbot used by 20+ car dealerships across Ontario
- Developed and debugged codebase of async C#, MS Bot Framework and SQL integrating Microsoft AI backend with web (Angular and TypeScript) and Facebook Messenger frontends
- Systematically identified and removed 50+ errors in code and databases through project-wide unit testing, then successfully carried-out hotfixes on production databases

## PROJECTS

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### **i3lock-color** — 600+ stars, 100+ forks, 10,000+ users — C, Linux

- Owner and active maintainer of the world's most popular non-default computer lockscreen
- Patched upstream code, managed PRs and issues, low-level cross-platform support

### **cs135-drtools** — 700+ users — Racket

- A suite of code completion and keybinding tools for DrRacket tailored to CS students

### **Goose** — 100+ users — Java, Android

- A clicker game for UW students to destress, published on Google Play with multiple 5★ reviews

### **YouthHax** — 50+ participants — Annual MLH-affiliated hackathon

- Founder and Chief Organizer of the first hackathon in Markham, Ontario
- Trained beginners in CS and Linux through workshops at YouthHax events and other hackathons

### Other

- **kahoot-answer-bot** — solves and wins Kahoots using Python and Websockets
- **movie-dl** — demonstration for automated movie downloading using Python and Selenium
- Authored **a set of Linux tutorials** and maintainer of several notable **AUR** packages
- Mined 8-character vanity v3 onion domain and mirrored personal website over **Tor**

## SKILLS

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- **Languages:** Java, Python, C/C++, C#, Racket, Bash, HTML/CSS/JS/TS, SQL, LaTeX
- **Tools:** Git, Jira, CloudFlare, GCP, NextCloud, WordPress, Selenium, Docker, Arch Linux, WSL
- Proven experience with OOP, large codebases, Agile and open-source/professional SDLCs

## EDUCATION

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### Bachelor's of Computer Science (Co-op)

**University of Waterloo** · Sep 2020 – Present

- 92% average, President's Scholarship of Distinction, founding executive of UW CTF club

**Interests:** Enjoys skiing, playing chess and violin, reading novels and watching *The Simpsons*