

# 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)

## EDUCATION

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Bachelor's of Computer Science, Co-op

University of Waterloo · Sep 2020 – Present

## 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 and revamped existing ones, to maximize client lead-generation, content-exposure and brand-recognition
- Deployed WordPress and NextCloud instances on GCP servers behind CloudFlare; set up letsencrypt SSL, Mailgun and Short.io custom url shortening
- Installed and configured security plugins like OAuth 2FA, ReCaptcha and code sanitization to mitigate DDOS, brute-force, XSS and phishing attacks, completely eliminating site downtime

AI Software Development Intern

Idea Notion Development Inc. · Jul – Aug 2019

- [DealerAI](#) Project: 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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Open Source

- Owner and active maintainer of [i3lock-color](#), the world's most popular non-default lockscreen (550+ stars, 100 forks, 10k+ users). Built for \*nix systems in C and favored for customizability.
- Created [cs135-drtools](#), a suite of autocomplete and keybinding tools for DrRacket (700+ users)
- Developed [kahoot-answer-bot](#) using Python and Websockets that looks up and wins Kahoots
- Maintainer of several [AUR](#) packages, like [Howdy](#), a facial recognition PAM plugin
- Issues/PRs on critical issues to notable FOSS projects like Nextcloud and GitHub Desktop
- Created Android apps, including [Raymocloud](#), a customized fork of the Nextcloud app, and [Goose](#), a UWaterloo clicker game implemented in Java, and published both to Google Play
- [Am I at Risk](#), a COVID contact tracing solution, winner of WinHacks 2019

Community

- Founder and Chief Organizer at [YouthHax](#), an annual hackathon and the first in Markham
- Writing [a set of Linux tutorials](#) and giving CS and Linux workshops to beginners
- 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, LaTeX
- **Frameworks:** LUIS, QnA maker, MS BotFramework, SQL, Angular, REST, MVC
- **Tools:** Git, CloudFlare, Android Studio, Jira, Arch Linux, WSL
- Proven experience with OOP, very large codebases, Agile and open-source/professional SDLCs

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