

# Raymond Li

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## 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

Google Play apps — 100+ users — Java, Android

- [Raymocloud](#), a customized and more stable fork of Nextcloud, and [Goose](#), a clicker game

### Other

- Founder and Chief Organizer at [YouthHax](#), an annual hackathon and the first in Markham ON
- [kahoot-answer-bot](#) — solves and wins Kahoots using Python and Websockets
- [movie-dl](#) — demonstration for automated movie downloading using Python and Selenium
- [Am I at Risk](#) — COVID contact tracing solution (WinHacks 2019 winner)
- Authored [a set of Linux tutorials](#) and trained beginners in CS and Linux through workshops
- Mined 8-character vanity v3 onion domain and mirrored [personal website](#) over Tor
- Maintainer of several [AUR](#) packages, like [Howdy](#), a facial recognition PAM plugin

## 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*