

Raymond Li

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WORK EXPERIENCE

Founder and Software Engineer

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-optimized websites with advanced SEO
- 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

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# and SQL, integrating Microsoft AI (LUIS, Bot Framework) 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

[i3lock-color](#) — 650+ stars, 100+ forks, 10,000+ users — C, Linux

- Owner and active maintainer of the world's most popular non-default computer lockscreen
- Integrated upstream code, managed PRs and issues, revamped cross-platform support, setup CI

[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
- [selenium-scraper](#) — demonstration for automated web scraping 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

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

EDUCATION

Bachelor's of Computer Science (Co-op)

University of Waterloo · Sep 2020 – Present

- 95% Faculty Average, President's Scholarship of Distinction, President of UW CTF club

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