Raymond Li

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WORK EXPERIENCE

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

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

- **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
- Proven experience with OOP, very large codebases, Agile and open-source/professional SDLCs

EDUCATION

- **Bachelor's of Computer Science, Co-op**   **University of Waterloo · Sep 2020 – Present**

Interests: Enjoys skiing, playing the violin, customizing Arch Linux and WSL, and The Simpsons