

# Raymond Li

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## SKILLS

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**Languages:** Python, C, Java, HTML/CSS/JS, Bash, LaTeX

**Technologies:** Git, Jira, GCP, Selenium, Docker, Arch Linux, WSL, Jenkins, GitHub Actions

## WORK EXPERIENCE

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### Sony Interactive Entertainment

**Software Development in Test Intern · May – Aug 2021**

- **First prize** at PlayStation company-wide hackathon for an interactive game-recommendation app
- Developed **Chrome Extension** to compare different versions of test specifications, and scripts to automatically sort, version, label and template pytest test scripts, reducing time required by **90%**
- Automated functional tests for PS5 Game Library with **pytest**, increasing number of tests automated during co-op term by **200%**

### EdgePrim Inc.

**Founder and Software Engineer · May – Aug 2020**

- Founded **company** and led team to develop responsive, mobile-optimized websites with advanced SEO for **4** small businesses to start/enhance their online presence
- Mitigated DDOS attacks with CloudFlare and reCaptcha, eliminating **99%** of site downtime for **2** customers with a combined **50,000+** annual site visits

### Idea Notion Development Inc.

**Software Development Intern · Jul – Aug 2019**

- **DealerAI** team: Developed an AI chatbot used by **20+** car dealerships across Ontario
- Integrated Microsoft AI (LUIS, Bot Framework) backend and web (Angular and TypeScript) and Facebook Messenger frontends with **async C#** and **SQL Server**
- Implemented project-wide unit testing, systematically identifying and removing **50+** errors in code and databases, and successfully carried-out hotfixes on production systems

## PROJECTS

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**i3lock-color** — **740+** 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** — **1,000+** users — **Racket**

- Created a code-completion DrRacket plugin tailored to CS students using quickscripts API

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

- Android Studio clicker game published on Google Play with **10+** 5★ reviews

### 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

## EDUCATION

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### University of Waterloo

**Bachelor's of Computer Science (Co-op) · 2020 – Present**

- 95% Faculty Average, President of UW CTF Club, Systems Committee of UW CS Club

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