

# Raymond Li

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## SKILLS

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

**Technologies:** Git, GCP, Selenium, Docker, LXC, Apache, Arch Linux, WSL, Jenkins, React, Jira

## WORK EXPERIENCE

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**Sony Interactive Entertainment CA**      **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 new tests 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 small businesses to start/enhance their online presence
- Mitigated DDOS attacks with CloudFlare and reCaptcha, reduced site downtime by **99%** for 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**  — **770+ stars, 120+ forks, 10,000+ users**, — **C, Linux**

- Owner and maintainer of the world's most popular non-default computer lockscreen
- Reviewed PRs and triaged issues, revamped cross-platform support (**9 CPU Architectures, 6 Linux distros + BSD port**), and setup CI, **a set of Linux tutorials** and **250+** votes of **AUR** packages

**cs135-drtools**  — **1,000+ users** — **Racket**

- Code-completion DrRacket plugin tailored to CS students using quickscripts API

**kahoot-answer-bot**  — **1,000+ users** — **Python**

- Solves and wins Kahoots using Python and Websockets

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

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

## EDUCATION

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

- 96% Major Average, President of **UW CTF Club**, Sysadmin of **UW Computer Science Club**

**Interests:** Enjoys skiing, playing chess and violin, and can't wait to skydive when COVID is over