Raymond Li

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SKILLS

Languages: Python, C/C++, Java, HTML/CSS/JS, Bash, LaTeX
Technologies: Git, Jira, GCP, Selenium, Docker, LXC, Apache, Arch Linux, WSL, Jenkins, React

WORK EXPERIENCE

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 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 **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

i3lock-color🔗 — **750+ stars, 120+ forks, 10,000+ users** — **C, Linux**
- Owner and 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+ players** — **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 notable **AUR** packages (**250**+ votes total)

EDUCATION

University of Waterloo　　　　**Bachelor's of Computer Science (Co-op) · 2020 – Present**
- 95% 2A Term Average, President of UW CTF Club, Sysadmin of UW CS Club

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