

Raymond Li

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SKILLS

Languages: Python, JavaScript (React, Node), C/C++, Java/Kotlin, HTML/CSS, Bash, LaTeX

Technologies: Git, GCP, Selenium, Docker, Apache, Arch Linux, WSL, Jenkins, Jira, Google-fu

WORK EXPERIENCE

CharaChorder LLC

Dallas, TX

Open Source Lead

May 2023 – Present

- Driving open-source products to educate, train and enhance the way humans type

Amazon Web Services Inc.

Seattle, WA

SDE Intern

Jan – Apr 2023

- Developed Python job to cleanup **30,000+** incommunicado (**96%** of all) DynamoDB Transaction-Coordinator servers, significantly reducing EC2 usage costs, and receiving SVP commendation
- Resolved **30+** Sev-3 tickets and halved weekly ticket count through incremental sprintwork

Sony Interactive Entertainment Inc.

San Francisco, CA

Software Engineering Intern

May – Aug 2022

- Independently conceived, designed, developed and documented **first ever PS5 Easter Egg**
- Migrated **50%** of custom React Native tile components in PS5 Control Center app to common SDK, simplifying codebase, reducing compilation time and improving maintainability

Sony Interactive Entertainment CA Inc.

Waterloo, ON

SDET Intern

May – Aug 2021

- First prize at PlayStation worldwide hackathon (game-recommendation app, out of **100+** teams)
- Created **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%**

Idea Notion Development Inc.

Markham, ON

Software Engineering Intern

Jul – Aug 2019

- Implemented features and removed **50+** errors in code and databases used by **20** car dealerships

PROJECTS

[**i3lock-color**](#) — C, X11

850+ stars, 120+ forks, 10,000+ users

- Owns and maintains the world's most popular non-default computer lockscreen, available on **9** CPU Architectures, **6** Linux distros and a BSD port

[**VoiceBox**](#) — React.js, Material UI

- AI-powered text-to-speech webapp enabling people with speech difficulties to speak by typing
- Acquired by [**iq-eq**](#), a non-profit organization, consistently serving **7,000+** requests per week

EDUCATION

University of Waterloo

Bachelor's of Computer Science (Co-op) · Sep 2020 – Dec 2024

- 3.9 GPA, co-designed [**CS 136L**](#) Linux course, Sysadmin of Computer Science Club
- Machine Learning Research Assistant modeling pilot performance with deep learning

Interests: Enjoys skiing, playing chess and violin, and would like to try skydiving. #btwluseArch