

# Raymond Li

[work@raymond.li](mailto:work@raymond.li) · <https://Raymond.Li> · [github.com/Raymo111](https://github.com/Raymo111) · [linkedin.com/in/Raymo111](https://www.linkedin.com/in/Raymo111)

## SKILLS

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**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

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### 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

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### [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

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### 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
- Research Assistant: Created ML models to classify pilot skill based on real simulator data

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