



Jason Ngo

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Skills Summary

Languages	Rust	Assembly	C	C++	Java	Python
Technologies	Linux	Git	Docker	NGINX	Firebase	MySQL

Work Experience

- 2020/04 - Present **Freelance Software Development**
- Worked individually or with a small team.
 - Developed full-stack applications with detailed documentation.

Technical Extracurriculars

- 2019/09 - Present **CTF Competitions**
<https://blog.jasonn.dev/ctf>
- Wrote scripts to solve challenges under pressure.
 - Reversed engineered stripped binary programs.
 - Identified and exploited vulnerabilities in applications.
- 2017/09 - 2020/02 **Vex Robotics Club**
Sir Winston Churchill High School, Calgary, AB
- Wrote programs which interacted with the Vex API to relay instructions.
 - Created interfaces for receiving user input.
 - Designed programs for storing and implementing autonomous routines.
 - Wrote scripts to modify autonomous program files.

Hackathons

- 2020/07 - Present **Hackathons**
<https://devpost.com/Green-Avocado>
Working collaboratively to create and implement unique ideas for hackathon events.

Personal Projects

- 2021/09 - 2021/12 **EasyROP**
<https://github.com/Green-Avocado/EasyROP>
Used object-oriented design to create an interactive program for binary exploitation.
- 2021/03 **Etwahl**
<https://github.com/Green-Avocado/Etwahl>
C++ program for linking MIDI signals to keystrokes on Windows and Linux.

Awards

- 2022/01 **CyberSci Vancouver Regionals - First Place**
- 2020/03 **Vex Alberta Provincial Tournament - Think Award**
- 2019/04 **U of Calgary Science Engineering and Technology Challenge - First Place**

Education

- 2020/09 - 2024/04 **Bachelor of Science, Major in Computer Science**
University of British Columbia, Vancouver, BC