

Jason Ngo

Computer Science Major + Software Developer

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Skills Summary

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

Experience

2020/04 - Present	Freelance Software Developer <ul style="list-style-type: none">• Worked individually or with a small team.• Developed applications according to client specifications.• Produced detailed technical documentation.
2019/09 - Present	CTF Competitions https://blog.jasonn.dev/ctf <ul style="list-style-type: none">• 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 <i>Sir Winston Churchill High School, Calgary, AB</i> <ul style="list-style-type: none">• 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.

Projects

2020/07 - Present	Hackathons https://devpost.com/Green-Avocado Working collaboratively to create and implement unique ideas for hackathon events.
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.git 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 C Science Engineering and Technology Challenge - First Place

Education

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