

Jason Ngo

Computer Science Major + Software Developer

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GitHub
StackOverflow
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github.com/Green-Avocado
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Skills Summary

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

Experience

- 2020/04 - Present

Freelance Software Developer
 - 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>
 - 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.

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
University of British Columbia, Vancouver, BC