



Jason Ngo

Computer Science Major @ UBC

+1 587-890-5411

work@jasonn.dev

<https://github.com/Green-Avocado>

<https://jasonn.dev>

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

- 2022/01** **Language Exchange**
<https://github.com/Green-Avocado/Language-Exchange>
 DESCRIPTION.
- 2021/11** **Speak-able**
<https://devpost.com/software/speak-able-inclusive-unconferencing>
 DESCRIPTION.
- 2020/08** **Study Tinder**
<https://devpost.com/software/study-tinder>
 DESCRIPTION.
- 2020/08** **BikePath**
<https://devpost.com/software/bikepath-dkpstx>
 DESCRIPTION.
- 2020/08** **COVID Wait**
<https://devpost.com/software/covid-wait>
 DESCRIPTION.

Personal Projects

- 2021/12** **discord-balance-tracker**
<https://github.com/Green-Avocado/discord-balance-tracker>
 DESCRIPTION.
- 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 EDR 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 <i>University of British Columbia, Vancouver, BC</i>
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