Jason Ngo

Computer Science Major @ UBC
CTF Player @ Maple Bacon

Mobile	+1 587-890-5411	**GitHub**	github.com/Green-Avocado
Email	work@jasonn.dev	**StackOverflow**	stackoverflow.com/users/13528169/green-avocado
Website	jasonn.dev	**LinkedIn**	linkedin.com/in/jasonn-dev

Skills Summary

Binary Exploitation	Buffer-Overflow		Format-String Exploits		Return-Oriented Programming	
Web Security	SQL Injection		Cross-Site Scripting			
Languages	Rust	Assembly	C	C++	Java	Python
Technologies	Linux	Git	Docker	NGINX	Firebase	MySQL

Experience

2020/04 - Present — **Freelance Software Development and Data Entry**
- Worked individually or with a small team.
- Developed full-stack applications with detailed documentation.
- Used tools to collect and organise information from the internet.

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