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	

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

2021/05 - Present — **pwndocker**
https://github.com/Green-Avocado/pwndocker
An exploit-development tool designed for CTF challenges with a non-native glibc.

2021/09 - 2021/12 — **EasyROP**
https://github.com/Green-Avocado/EasyROP
Used object-oriented design to create an interactive program for binary exploitation.

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