Jason Ngo

Computer Science Major @ UBC

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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

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.

Hackathon Projects

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

2020/12 - Present   **website**
https://github.com/Green-Avocado/website
- DESCRIPTION.

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* • DESCRIPTION.
2021/03	**Etwahl** *https://github.com/Green-Avocado/Etwahl* • DESCRIPTION.

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** *University of British Columbia, Vancouver, BC*