

Jason Ngo

Computer Science Major + Software Developer

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GitHub github.com/Green-Avocado
StackOverflow stackoverflow.com/users/13528169/green-avocado
LinkedIn linkedin.com/in/jasonn-dev

Skills Summary

Full-stack development

HTML	CSS	Javascript	NodeJs
PHP	Python	C++	MySQL
Firebase	Firestore	NGINX	Express

Desktop development and scripting

C	C++	C#	Python
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Version control

Git	Subversion
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Linux

Debian and derivatives	Arch and derivatives
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Work Experience

2020/04 - Present **Freelance Software Developer**

- Worked individually or with a small team.
- Developed applications according to client specifications.
- Produced detailed technical documentation.

2016/06 **Calgary Stampede Work Experience Program** *Boys and Girls Clubs of Calgary, Calgary, AB*

Activities

2019/09 - Present **CTF Events** *<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 receive user input and relay instructions to motors.
- Designed programs for storing and implementing predefined autonomous movements, and wrote scripts to facilitate modification of autonomous program files.

Awards

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| 2020/03 | Vex Alberta Provincial Tournament - Think Award
<i>4414 Crowchild Trail SW, Calgary, AB</i> |
| 2019/04 | Science Engineering and Technology Challenge
<i>University of Calgary, Calgary, AB</i> |

Projects

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| 2020/07 - Present | Hackathons
https://devpost.com/Green-Avocado
Working collaboratively to create and implement unique ideas for hackathon events. |
| 2020/06 - Present | Personal Web Server
https://github.com/Green-Avocado/website.git
Simple webserver running NGINX and NodeJs on an Arch Linux server. |
| 2020/06 - Present | CTF Writeups
https://github.com/Green-Avocado/CTF.git
Documentation of attempts at CTF challenges and in-depth explanations of solutions. |
| 2021/03 | Etwahl
https://github.com/Green-Avocado/Etwahl.git
C++ program for linking MIDI signals to keystrokes on Windows and Linux. |
| 2020/05 - 2020/06 | COVIDPing Image Generator
https://github.com/Green-Avocado/covidping-image-generation.git
Web application for generating and displaying Twitter cards for COVID-19 statistics in US states. |

Education

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| 2020/09 - 2024/04 | Bachelor of Science, Major in Computer Science
<i>University of British Columbia, Vancouver, BC</i> |
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