

Jason Ngo

Computer Science Major + Software Developer

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

Languages	C	C++	C#	Java	Python
Technologies	Git	NGINX	Firebase	MySQL	

Work Experience

2020/04 - Present	Freelance Software Developer <ul style="list-style-type: none">• Worked individually or with a small team.• Developed applications according to client specifications.• Produced detailed technical documentation.
2016/06	Calgary Stampede Work Experience Program <i>Boys and Girls Clubs of Calgary, Calgary, AB</i>

Activities

2019/09 - Present	CTF Events https://blog.jasonn.dev/ctf <ul style="list-style-type: none">• 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 <i>Sir Winston Churchill High School, Calgary, AB</i> <ul style="list-style-type: none">• 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.

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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