Jason Ngo
Software Developer

Address	3224 52 Ave NW	**GitHub**	github.com/Green-Avocado
	Calgary, AB	**StackOverflow**	stackoverflow.com/users/13528169/green-avocado
	T2L 1V5	**Website**	jasonn.dev
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Skills Summary

Full-stack development
- HTML
- CSS
- JavaScript
- NodeJS
- PHP
- Python

Desktop development and scripting
- C
- C++
- C#
- Python
- Bash

Technical writing
- LaTeX
- Microsoft Word/Libre Office
- Google Drive

Debugging and disassembly tools
Proficient with tools to effectively debug or disassemble programs compiled for x86 or x64 architecture.

- GDB
- Radare2

Version control
Ability to effectively use version control for managing projects and collaborating with a team.

- Git

Linux

- Debian and derivatives
- Arch Linux and derivatives

Windows

- Windows 10
- Windows 7

Text editors, compilers, and IDEs

Well versed in a variety of tools for writing and compiling programs.

- Visual Studio
- Notepad++
- Vim
- GCC and G++

Work Experience

2020/04 - Present	**Freelance Software Developer** Worked individually or in a small team to develop desktop applications and web applications according to client specifications.
2016/06	**Calgary Stampede Work Experience Program** *Boys and Girls Clubs of Calgary, Calgary, AB* Worked in a team of six under supervision to patrol a designated area during the Calgary Stampede event and ensure that the area remained presentable.

Education

2020/09 - 2024/04 (Anticipated)	**Bachelor of Science** *University of British Columbia, Vancouver, BC*
2017/09 - 2020/06	**Alberta High School Diploma** *Sir Winston Churchill High School, Calgary, AB*
2018/02 - 2020/05	**International Baccalaureate Diploma Programme** *Sir Winston Churchill High School, Calgary, AB*

Volunteering

2018/02 - 2020/02	**Volunteer Churchill**
	Sir Winston Churchill High School, Calgary, AB
	Participated in a variety of community-oriented projects as a volunteer.

2015/07 - 2019/07	**Pool Assistant/Program Assistant**
	Village Square Leisure Centre, Calgary, AB
	Assisted in running day camp programs and swimming lessons as a volunteer. Worked directly with project leaders, supervisors, and other volunteers.

Activities

2020/05	**Cyber Castors CTF 2020**
	https://castorsctf20.ctfd.io/

2017/09 - 2020/02	**Vex Robotics Club**
	Sir Winston Churchill High School, Calgary, AB

2019/09 - 2019/10	**PicoCTF 2019**
	https://2019game.picoctf.com/

Projects

2020/06 - Present	**CTF Writeups**
	https://github.com/Green-Avocado/CTF.git
	Documentation of attempts at CTF challenges and in-depth explanations of solutions.

2020/03 - Present	**Canada Amateur Radio Advanced Guide**
	https://github.com/Green-Avocado/Canada-Amateur-Radio-Operator-Advanced-Guide.git
	Detailed guide covering all the topics necessary to achieve an advanced qualification in Canadian Amateur radio.

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.