

Jason Ngo

Software Developer

Address 3224 52 Ave NW
Calgary, AB
T2L 1V5

Phone (587) 890-5250

Email work@jasonn.dev

GitHub github.com/Green-Avocado

StackOverflow stackoverflow.com/users/13528169/green-avocado

Website jasonn.dev

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
<i>Boys and Girls Clubs of Calgary, Calgary, AB</i>
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
<i>University of British Columbia, Vancouver, BC</i> |
| 2017/09 - 2020/06 | Alberta High School Diploma
<i>Sir Winston Churchill High School, Calgary, AB</i> |
| 2018/02 - 2020/05 | International Baccalaureate Diploma Programme
<i>Sir Winston Churchill High School, Calgary, AB</i> |

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