

# Jason Ngo

Software Developer

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**GitHub** [github.com/Green-Avocado](https://github.com/Green-Avocado)  
**StackOverflow** [stackoverflow.com/users/13528169/green-avocado](https://stackoverflow.com/users/13528169/green-avocado)  
**Website** [jasonn.dev](http://jasonn.dev)

## Skills Summary

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### 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

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|--------------------------|--|
| <b>2020/04 - Present</b> | <b>Freelance Software Developer</b><br>Worked individually or in a small team to develop desktop applications and web applications according to client specifications.   |
| <b>2016/06</b>           | <b>Calgary Stampede Work Experience Program</b><br><i>Boys and Girls Clubs of Calgary, Calgary, AB</i><br>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

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

## Volunteering

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- 2018/02 - 2020/02 **Volunteer Churchill**  
*Sir Winston Churchill High School, Calgary, AB*
- 2015/07 - 2019/07 **Pool Assistant/Program Assistant**  
*Village Square Leisure Centre, Calgary, AB*

## Activities

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- 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/>