

Jason Ngo

Software Developer

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Skills Summary

Full-stack development

HTML	CSS	Javascript	NodeJs
PHP	Python	C++	

Desktop development and scripting

C	C++	C#	Python
Bash			

Technical writing

LaTeX	Microsoft Office	Libre Office	Google Drive
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Debugging and disassembly tools

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

GDB	Radare2
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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
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Windows

Windows 10

Windows 7

Text editors, compilers, and IDEs

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

Visual Studio
G++

Notepad++

Vim

GCC

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.