

# Jason Ngo

Computer Science Major + Software Developer

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GitHub  
StackOverflow  
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github.com/Green-Avocado  
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## Skills Summary

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

## Experience

- 2020/04 - Present

**Freelance Software Developer**
  - Worked individually or with a small team.
  - Developed applications according to client specifications.
  - Produced detailed technical documentation.
- 2019/09 - Present

**CTF Events**  
<https://blog.jasonn.dev/ctf>
  - 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**  
*Sir Winston Churchill High School, Calgary, AB*
  - 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

- 2020/03

**Vex Alberta Provincial Tournament - Think Award**  
*4414 Crowchild Trail SW, Calgary, AB*
- 2019/04

**Science Engineering and Technology Challenge**  
*University of Calgary, Calgary, AB*

## Projects

- 2020/07 - Present

**Hackathons**  
<https://devpost.com/Green-Avocado>  
Working collaboratively to create and implement unique ideas for hackathon events.
- 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

- 2020/09 - 2024/04

**Bachelor of Science, Major in Computer Science**  
*University of British Columbia, Vancouver, BC*