# Jason Ngo

Computer Science Major + Software Developer

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## Skills Summary

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| **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.

## 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.

## Awards

**2020/03** — **Vex Alberta Provincial Tournament - Think Award**

**2019/04** — **Science Engineering and Technology Challenge**
*University of Calgary, Calgary, AB*

## Education

**2020/09 - 2024/04** — **Bachelor of Science, Major in Computer Science**
*University of British Columbia, Vancouver, BC*