

Montreal, QC
+1 438-408-3363
contact@tristans.ca

Tristan Stevens

<https://tristans.ca>
Github @tvut
LinkedIn @tristanstev

Education

Montreal, QC McGill University Aug 2020 | Current

- BS in Honours Computer Science. GPA: 3.94
- Classes in Java, C, Assembly, Operating Systems, Numerical Computing, Data Structures, C++, Competitive Programming, Algorithms, Functional Programming

Experience

Web Developer Model United Nations NW Dec 2017 – Nov 2019

Seattle, Washington

- Designed and coded websites to communicate to and register delegates using **PHP, HTML, CSS and JS**, then optimized website render and load time using BrowserStack and Lighthouse
- Managed conference IT including an enterprise network setup and GSuite for all users

Lead Programmer Vex Robotics Team Sep 2016 – Apr 2020

Bellevue, WA

- Designed a robot to compete in the Vex Robotics competition with a team of six people
- Programmed the robot in **C++** to perform user controlled actions as well as autonomous functions
- Utilized **hardware sensors and threading** to optimize long-term performance of hardware
- Won 5 x Design Award, 1 x World Qualifying Design Award, 2 x Tournament Champions, Washington State Champions, Division Semifinals at the Vex Worlds Competition

Front End Developer UAEM McGill Dec 2021 – Present

Montreal, QC

- Led a small team to develop a front end PPE Tracker developed in **React.js** with Tailwind CSS
- Revised backend Express endpoints and refactored Docker containers for the MongoDB database

Tutor Computer Science Undergraduate Society Jan 2022 – Present

Montreal, QC

- Help students with computer science concepts such as algorithms and data structures
- Guide tutees on how to debug their programming assignments thoroughly in **C, Java and Python**
- Demonstrate how to learn programming syntax by using software documentation

Skills

- Programming Languages: C, C++, Java, Python, HTML, CSS, JS, React.js, Bash
- Software: Microsoft Office, Git, GitHub, IntelliJ, AWS, Azure, Wordpress, Linux, Docker

Projects

- **Mixerify** Developed a full stack app to browse a user's Spotify library and pick playlists to send to our ML model. *React.js, Express, Tailwind, Spotify OAuth, REST Api*
- **Covid Sentiment Analysis** Scraped geolocated YouTube comments then trained and deployed Tensorflow models to predict comment sentiment on Nvidia Tesla clusters. *Python, Azure*
- **File System** Developed a simple file system in C and implemented it into Linux via the Fuse Wrapper. *C, Fuse Wrapper*