

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

# Tristan Stevens

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

## Education

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Montreal, QC	McGill University	Aug 2020   Current
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- 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

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Web Developer	Model United Nations NW	Dec 2017 – Nov 2019
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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
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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
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Montreal, QC

- Collaborating in a small team to build a PPE Tracker developed in **React.js** with Tailwind CSS
- Integrated the front end with a MongoDB backend built by the Backend team

Tutor	Computer Science Undergraduate Society	Jan 2022 – Present
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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

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

## Projects

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- **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*
  - **WP Masonry Gallery Plugin** Improved a WordPress plugin's source code to serve responsive images depending on browser viewport using HTML5 image technologies. *PHP, CSS, Wordpress*