Joshua M. Stevens

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EDUCATION

University of Waterloo
2020 – 2025
Candidate for BASc, Nanotechnology Engineering GPA 3.79/4.0

Humberside Collegiate Institute
2016 - 2020
French Honors Diploma

EXPERIENCE

Junior Full-Stack Software Developer   Toronto, Ontario
Verto Inc.   *May 2021 – September 2021*
- Implemented patient filtration system in **Ruby** used by oncology clinics nation-wide.
- Developed front end features for patient tracking software in **Vue.js** viewed by **2 Million+** users.
- Improved code base automated test coverage by **45%** in **Ruby on Rails** and implemented stress tests on the **Angular** app using **Python** with the **Locust** library.
- Implemented localization to enable the use of different languages, used by over **20 000** French speaking clinicians in Quebec.

Electronics Team Member   Waterloo, Ontario
University of Waterloo Formula Motorsports   *October 2020 – April 2021*
- Designed and integrated a strain gauge for UWFM, a design team that competes to develop the fastest formula 1 style car.
- Responsibilities include quality control on **AutoCAD** models in **SolidWorks** and helping with schematic design

UX Design Lead   Toronto, Ontario
SportsNet Hockey Hackathon   *November 2020*
- Worked with other UW students to create an innovative app for SportsNet.
- Selected for the role of **UX Design** lead for having experience in **Java**. I worked with **JavaFX** to create a friendly user interface which won us the **People's Choice award**.

Coding Camp Instructor   Toronto, Ontario
Newtons Grove Private School   *May 2020 – June 2020*
- Taught kids how to code in **Java** during the pandemic.
- Organized a lesson plan that began with the foundation of the coding language to creating a functioning game.

Java Developer   Toronto, Ontario
Center for Safety Research, Hospital for Sick Children   *March 2019*
- Wrote **Java** code to maintain a database of research publications about drug dosages for children.
- Automated **Java** tests (**junit**) for all the different types of data the system managed.

Skills / Technologies	**Projects**	**Extra Curriculars**
- Python, JavaScript - Java, C, MATLAB - Git, React.js - Ruby on Rails - Angular, Vue.js - SolidWorks, Arduino - Soldering	- Personal Website (React.js) - Top-Down Video game (Java) - White noise remover (Python, numpy) - 3D Printer, CNC Plotter	- UW Formula Motorsports Design Team - Power Lifting - Brazilian Ju-Jitsu - Muay Thai / Boxing - Volleyball