

# STELLA ROVAZZI

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## SKILLS AND QUALIFICATIONS

- *Programming Languages:* Python, C, Java, HTML & CSS, R, Markdown
- *Operating Systems:* Windows, Mac OS, Linux, Ubuntu
- *Development Tools/Libraries:* GitHub, VS Code, VIM, VS Enterprise, Playwright, Pandas, NumPy, Selenium, Rich Text, GNU Radio
- *Design:* SOLIDWORKS, KiCad, Adobe Cloud, Robotics
- *Digital Workspaces:* Microsoft Office (Excel, PowerBi, SharePoint), Google Suite
- *Other Skills:* communication (writing and speaking), research, hands on learning, leadership

## EDUCATION

**Majoring B. Engineering (MECH) and Minorng Computer Science | University of Guelph | Guelph, ON**

*September 2020 – Present*

- Leadership roles on the Roboethics Club and CIRC Robotics Team

**O.S.S.D. and Ontario Scholar | St. Clement's School | Toronto, ON**

*September 2017 – 2020*

- Leadership roles on VEX EDR Robotics and First Lego League Robotics

## LEADERSHIP AND WORK EXPERIENCE

**Software Engineering Internship | Guelph, ON**

*PureFacts | May 2024 – October 2024*

Quality assurance of PureRewards platform.

**Robotics President | Guelph, ON**

*University of Guelph | May 2024 – Present*

Leads the University of Guelph Robotics team in attending CIRC and bring robotics to the community. Works with executive team to manage task allocation, organize finances, develop relationships with sponsorships, and host events for the public or student body.

**Robotics Vice President and Electrical Co-Lead | Guelph, ON**

*University of Guelph | September 2023 – May 2024*

Lead the development of the robot's overall electrical structure and helped organize team events.

**Roboethics Co-Head and Co-Founder | Guelph, ON**

*University of Guelph | September 2023 – May 2024*

Hosted events that brought in experts on Artificial Intelligence or Ethics to discuss moral concerns of emerging technology.

**Engineering Internship (Programming) | Toronto, ON**

*Per Vices | May 2023 – August 2023*

Developed an autonomous program to aid with the quality testing of software-defined radios.

**Engineering Internship (Manufacturing) | Toronto, ON**

*CGL Manufacturing | May 2022 – August 2022*

Designed CNC fixtures and developed standardized work instructions.

## PROJECTS

**Ergonomic Mouse | SolidWorks, KiCAD | Personal (Presently Developing)**

Developing a mouse that is more ergonomic for my hand, based off Logitech's vertical mouse. The focus is originally mechanical, then will progress to developing an original PCB.

**Autonomous Quality Testing | Python, NumPy, Pandas, GNURadio | Per Vices (2023)**

Developing a scraping program to aid historical and classical research by making searching through multiple museum's inventories easier.

*References available on request*