

STELLA ROVAZZI

stella.rovazzi@gmail.com · [linkedin.com/in/stella-rovazzi/](https://www.linkedin.com/in/stella-rovazzi/) · <https://stellapsyduck.github.io/>

SKILLS AND QUALIFICATIONS

- *Programming Languages:* C, Java, Python, HTML & CSS, R, Markdown, JavaScript, LaTeX
- *Operating Systems:* Windows, Mac OS, Linux, Ubuntu
- *Digital Workspaces:* Microsoft Office (Excel, PowerBi, SharePoint), Google Suite, Azure, Jira
- *Development Tools/Libraries:* GitHub, VS Code, IntelliJ VIM, VS Enterprise, Playwright, Pandas, NumPy, Selenium, Rich Text, GNU Radio
- *Design:* SOLIDWORKS, KiCad, Adobe Cloud, Robotics
- *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 and full-stack development 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

Task Allocator | Java, Network Flow, Linear Programming | Personal (Presently Developing)

Exploring maximum flow of a graph and linear programming by developing a task allocator based on individuals' preferences and importance of tasks.

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

Developed a python script to automate the testing of the companies software defined radios.

References available on request