

STELLA ROVAZZI

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SKILLS AND QUALIFICATIONS

- *Programming Languages:* Python, C, SQL, Java, HTML & CSS, JavaScript, R, Markdown, Scala
- *Operating Systems:* Windows, Mac OS, Linux, Ubuntu
- *Libraries:* Flask, dplyr, Pandas, SciKit Learn, PyTorch, NumPy, ggplot2, Matplotlib, React, GNU Radio, RichText
- *Design:* SOLIDWORKS, KiCad, Adobe Cloud, Robotics, LogicWorks
- *Workflow Platforms:* GitHub, VSCode, IntelliJ, Eclipse, VIM, MS Office, Atlassian (Jira), Google Suite
- *Other Skills:* communication (writing and speaking), research, leadership, Typing (90 WPM)

EDUCATION

Bachelor of Physical Science (Statistics and Computer Science) | University of Guelph | Guelph, ON

September 2020 – Present

Computational Intelligence (CIS*4780), Algorithms (CIS*3490), Databases (CIS*3530), Operations Research (MATH*3240), Regression Analysis (STAT*3240), Time Series Analysis (STAT*4360), Mathematical Statistics (STAT*3100, STAT*3110), Digital Systems (CIS*3120), Cryptography (CIS*4520)

LEADERSHIP AND WORK EXPERIENCE

Robotics Team President | Guelph, ON

University of Guelph Robotics Team | May 2024 – Present

Leads the University of Guelph Robotics Team, guiding three sub-teams (electrical/firmware, software, and mechanical) toward the shared goal of participating in the Canadian International Rover Challenge. Oversees the system integration across sub-teams' designs, focusing on standardization and simplification. Coordinates team initiatives, sponsorships, fundraising, and finances alongside the executive team. Fosters an open and collaborative space for any student interested in robotics.

Robotics VP Social and Electrical Co-Lead | Guelph, ON

University of Guelph | September 2023 – May 2024

Software Engineering Internship | Guelph, ON

PureFacts | May 2024 – October 2024

Quality assurance and full-stack development.

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

University of Guelph | September 2023 – May 2024

Hosted events that brought in experts to discuss ethical concerns of emerging technology (Artificial Intelligence).

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) | Guelph, ON

CGL Manufacturing | May 2022 – August 2022

Developed safe work instructions (SWI) and CNC fixtures.

PROJECTS

Lil Gryphies | University of Guelph Robotics Team | Business

January 2025 - Present

Designed and currently leads the development of 3D printed toys (inspired by Simiski) to fundraise for the robotics team.

Time Series Analysis on Restaurant Data | Course Project | Time Series Analysis

December 2025

Fit time series regression models to predict restaurant sales based on historical weather and sales data.

References available on request