

# 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*