

# Liam Beresford

📞 267-701-0788    ✉ [wlhberesford@gmail.com](mailto:wlhberesford@gmail.com)    [in linkedin.com/in/liam-beresford](https://www.linkedin.com/in/liam-beresford)    [github.com/wlhberesford](https://github.com/wlhberesford)

## Education

### Rensselaer Polytechnic Institute

Aug 2022 - Dec 2025

Dual Bachelor of Science in Computer Science and Economics (GPA: 3.36)

Troy, NY

- **Relevant Coursework (CS):** Reinforcement Learning<sup>1</sup>, Data and Society<sup>1</sup>, Principles of Software (Java), Intro to Algorithms, Foundations of Computer Science (Discrete Math), Computer Organization (C, Mips, Verilog), Data Structures (C++), Computer Science 1 (Python)
- **Relevant Coursework (ECON):** Econometrics<sup>1</sup>, Applied Game Theory, Statistical Methods, Intermediate Microeconomic Theory, Intermediate Macroeconomic Theory, Principles of Economics

<sup>1</sup> Course will be taken Fall of 2024

## Projects

### Munch | *Django, Beautiful Soup, React, HTML & CSS* | [Link to Project](#)

- Current Project Lead for Spring 2024 semester with the Rensselaer Center for Open Source (RCOS) to create a website to improve user experience for those who use RPI dining halls.
- Leading 9 other developers to implement current & up to date menus, dining hall hours, dining hall swipe tracker, meal rating system, etc.

### Portfolio Site | *HTML & CSS* | [Link to Site](#)

- Created a website, hosted by github, to display relevant information about myself, experience, and education
- Currently working on compatibility for all screen sizes

### Hat Trick | *Python, Pygame, Graphic Design*

- Developed an arcade-style game that was inspired by 1980s-style arcade game Frogger using the Pygame library
- Qualified and presented at Nationals in Chicago, IL with Future Business Leaders of America
- This project was at the end of my senior year of high school, I am currently working on recovering it to upload to github

## Experience

### Target

Jun 2023 – Aug 2023

Fulfillment Expert

Springfield, PA

- Collect products around the store to fulfill online orders, prepare and stow items for customer pickup with strict time and performance standards .

### Rolling Green Golf Club

May 2017 – Aug 2022

Caddy

Springfield, PA

- Provide a service of course knowledge, carrying 1-2 golfer's bags with clubs, minor course repair, equipment care and general hospitality.

## Campus Involvement

### RPI Club Wrestling

Aug 2022 – Pres.

Varsity

Troy, NY

### Student Government

Aug 2023 – Pres.

Class Representative

Troy, NY

### Economics Club

Jan 2024 – Pres.

Secretary

Troy, NY

### Rensselaer Society of Engineers and Innovation

Dec 2023 – Pres.

Member

Troy, NY

## Technical Skills

**Languages:** Python, Java, C++, C, JavaScript, HTML & CSS, MIPS, Latex

**Concepts:** Compiler, Virtual Memory, Cache Memory OOP, Git/ GitHub, Problem solving, Debugging, Communication