Liam Beresford

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Education

Rensselaer Polytechnic Institute   Aug 2022 - Dec 2025
Duel Bachelor of Science in Computer Science and Economics (GPA: 3.35)   *Troy, NY*

- **Relevant Coursework (CS):** Principles of Software (Java), Into to Algorithms, Foundations of Computer Science (Discrete Math), Computer Organization (C, Mips, Verilog), Data Structures (C++), Computer Science 1 (Python)

- **Relevant Coursework (ECON):** Applied Game Theory, Statistical Methods, Intermediate Microeconomic Theory, Intermediate Macroeconomic Theory, Principles of Economics

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