Izzy Stein

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Education

Rensselaer Polytechnic Institute (RPI) **Troy, NY**
Bachelor of Science in Computer Science, GPA: 3.3/4.0 *Expected May 2026*
Minor in Economics and Mathematics

Relevant Coursework

Data Structures, Foundations of Computer Science, Introduction to Algorithms, Programming Languages, Intro to Logic-Based AI, Operating Systems

Skills

Javascript, EJS, NodeJS, PostgreSQL, Docker, AWS, Java, Python, C/C++

Experience

Western Digital sponsored project - EzASM **Troy, NY**
Project Programmer *January 2026 - Current*
- Working with Western Digital and Rensselaer Center of Open Source to create a small instruction set programming language interpreter to mimic the concepts of lower level assembly language while maintaining the ease of writing that higher level languages have, like terminal functions
- This will be used for classes in RPI that teach low level assembly languages like MIPS.

Rensselaer Center for Open Source - LEGUP & Shubble **Troy, NY**
Project Programmer *June 2024 - Current*
- Worked on a team to expand a logic based puzzle solving program that is used as homework in logic based classes to show problem solving skills, leading to the available puzzles doubling
- Improved a custom program where the original creators were no longer on the team, leaving us to work with old, sporadically documented code, which is now fully functional and available
- Learned teamwork and organization courtesies, especially with github merging

Building Websites / Full Stack Development **Troy, NY**
Project Programmer *September 2024 - Current*
- Built a credit card transaction bookkeeper application that allows users to keep track of their transactions, balance, closing dates, and credit utilization utilizing postgresql and nodejs
- Developing a vacation recommendation site that aims to find experiences that are quieter and less busy but still offer a great time to customers

Leadership Activities

Class Mentor and Teaching Assistant **Troy, NY**
Group Leader *January 2026 - Current*
- Working as a teaching assistant overlooking 30 students in a class of over 500, grading their homework, helping them with their roadblocks, and directing their learning in computer science.