

Dan Ledezma (He/Him)

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Education

University of Rochester, Hajim School of Engineering

Rochester, NY

Bachelor of Science in Computer Science

Anticipated in 2024

Relevant Courses and Projects

- **CSC 172, (Data Structures and Algorithms)** (Fall '2020)
 - Created a contact tracing program using java which determines who in a list of people has been within x number of connections with someone else using graphs and arrays.
- **CSC 173, (Computation and Formal Systems)** (Spring '2021)
 - Using C I created a database of students, classes, grades, and contact information using hash tables.
- **CSC 252, (Computer Organization)** (Fall '2021)
 - I Created a basic Unix shell using C which can parse commands that list foreground and background processes as well as parse inputs such as CTRL+C and CTRL+Z.
- **CSC 242, (Introduction to Artificial Intelligence)** (Spring '2022)
 - Using mainly java, I implemented Minimax and Heuristic Minimax for Adversarial state-space search problems, Developed a framework for representing Constraint Satisfaction Problems and used a backtracking search algorithm to solve several examples.
- **CSC 254, (Programming Languages)** (Fall '2022)
 - Given a working version of Dijkstra's algorithm and Delta Stepping coded in java, I implemented concurrency for any n amount of nodes, dividing vertices amongst individual threads.

Prior Work Experience

Bethlehem Central School District

Delmar, NY

- Student Helpdesk Intern I & II (Summer 2018, Summer 2022)
 - Prepared my local school district's hardware and software for the upcoming semester in 2018, in 2022 I did the same but while supervising younger interns. | Supervisor: **Navaar Johnson**
- Student Helpdesk Volunteer (2017 - 2020)
 - I Assisted with technology related tickets throughout the school district. | Supervisor: **Navaar Johnson**

Technical Skills

- **Programming & Scripting Languages:** C, Java, Python, Lisp, Javascript, HTML, C#, OCaml, Ada
- **Tools and Programs:** Autodesk Inventor, Microsoft Office Suite, Adobe Suite, Ableton Live
- **Operating Systems:** Windows, ios, iPadOS, MacOS, Linux(Unix Shell)
- **IT Skills:** Laptop repair, desktop repair, Software troubleshooting, database management
- **Miscellaneous Skills:** Leadership experience, Customer Interaction, Fluent spanish speaker/writer