

Judson Hartman

Minneapolis, MN • hartm707@umn.edu • (612) 214-7744 • www.linkedin.com/in/judsonh

EDUCATION

University of Minnesota, Twin Cities

College of Science and Engineering

Bachelor of Science in Computer Science, Honors, Minor in Information Technology

GPA: 3.85 - *Dean's List Fall 2022, Spring 2023*

Minneapolis, MN

December 2025

University College Dublin

Study Abroad

Dublin, Ireland

Summer 2023

Concordia University, St. Paul

Post-Secondary Enrollment Options (PSEO)

GPA: 4.0 - *Dean's List Fall 2021, Spring 2022*

St. Paul, MN

Sep. 2021 – May 2022

WORK EXPERIENCE

Teaching Assistant - Data Structures, Algorithms, & Program Development

University of Minnesota

Minneapolis, MN

Sep. 2023 – Present

- Demonstrated for students the implementation of programs in the Python language.
- Conveyed how to architect Data Structures and Algorithms using Java and Python languages.
- Supported 56 students across two lab sections and over 250 students in the course.

Busser, Host

Redstone American Grill

Minnetonka, MN

May 2021 – Jan. 2023

- Improved turnover by 30%, Resolved inquiries via communication, Assisted training new employees.

Lead Brand Associate

Old Navy

Minnetonka, MN

June 2020 – May 2021

- Achieved Employee of the Month, Lead Cashier and Lead of LP.

PROJECTS

UnoWar Card Game

- Implemented a Java-based card game combining Uno and War, utilizing object-oriented programming principles, modified algorithms, and basic artificial intelligence to determine best strategies in the game.

Wordle Game

- Engineered a Wordle game in Python with two distinct modes. Standard mode offers a replication of the popular game and easy mode implements adapted search algorithms to determine optimal guesses for solving the puzzle.

Automated Door Lock

- Developed an IoT device to lock and unlock a dorm room door remotely from an HTML website using a Particle Photon microcontroller programmed in C++ with associated sensors and actuators.

Local Fish Store Website

- Designed and implemented a front end website using HTML, CSS, and JavaScript to mimic needs of an ecommerce based website for a local fish store.

LEADERSHIP EXPERIENCE

Summer at UCD Ambassador

University College Dublin

Dublin, Ireland

Summer 2023 – Present

- Facilitated relationships between home university students and study abroad institution.
- Communicated benefits of the program via student fairs and conversations with prospective students.

SKILLS

Languages: Java, Python, C++, HTML/CSS/JavaScript

Tools: Git/GitHub, IntelliJ IDEA, PyCharm, Visual Studio Code, Figma