

Joseph R. Morrissey

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Education

University of Illinois at Urbana-Champaign

Cumulative GPA: 3.94/4.00

Bachelors of Science in Computer Science

Expected: May 2025

- James Scholar with Dean's List recognition Fall 2021, Spring 2022, and Fall 2022
- Technical Skills: C++ (Advanced), Java (Intermediate), Python (Intermediate), HTML (Basic), CSS (Basic), Javascript (Basic)
- Relevant Coursework: Data Structures, Linear Algebra with Computational Applications, Fundamental Mathematics, Discrete Structures, Calculus 3, Differential Equations
- Other Organizations: Illinois Golf League, Rock Climbing Club, Spikeball Club, Intramural Volleyball

Work Experience

Jewel Osco

Niles, IL

Produce Clerk

June 2022-August 2022

- Handled incoming shipments containing hundreds of pieces of inventory and distributed it onto the produce floor in a timely manner
- Directly interacted with customers answering any questions they may have about produce or the store
- Prepared nearly 30 fresh grab-n-go meals every shift and faced products on the floor

Private Tutor

Park Ridge, IL

Math Tutor

February 2021-July 2022

- Went to clients' houses for one-on-one tutoring, where I tutored students from Algebra 2 up to Calculus
- Created individualized study plans and practice problems for clients, while also including helpful study habits and exam strategies

Mathnasium Learning Center

Park Ridge, IL

Math Tutor

July 2020-July 2021

- Taught Mathnasium's Curriculum and learned how to adapt to specific kids' needs
- Tutored up to 5 students of different levels simultaneously to help complete homework assignments and work with them through Mathnasium's curriculum
- Directly interacted with parents and updated them on their children's progress

Projects

Graph Algorithms and Visualization

- Implemented a breadth first search, shortest path algorithm (Dijkstra), and minimum cut algorithm (Stoer-Wagner) on a dataset that modeled Wikipedia articles as nodes and the links between them as edges
- Used a built-in graphics library and C++ to visualize the shortest path between two articles and the first 100 articles of a breadth first search

Art Website

- Created an art website for my mom to sell and showcase her art
- Learned HTML, CSS, and Javascript to develop and build the website

Organizations

Association for Computing Machinery

Member

September 2021- Present

- Part of the special interest group for Math and Algorithms in Computer Science
- Attend meetings where we work through and discuss a Sipser's Models of Computation Textbook

Phi Gamma Delta Fraternity

Active Member

February 2022-Present

- Completed the pledge process for Spring 2022
- Met, interviewed, and networked with over 150 new guys
- Helped set up a philanthropy volleyball tournament that raised \$7,500 dollars for the USO