

Mohammed Hashmeh

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EDUCATION

University of Illinois at Chicago, Chicago, IL

Expected May 2023

Bachelor of Science in Computer Science

Minor in Mathematics

COURSEWORK PROJECTS

Open Street Maps

Visual Studio C++

- Program that finds the shortest path from one location to another
- Implemented a graph class (a data structure used to represent networks)
- Applied Dijkstra's algorithm to find the shortest path towards from one point to the user's specific destination

File Compression

Visual Studio C++

- Developed a program that utilizes the Huffman Algorithm to compress files
- Program decodes it using a distinct combination of 1's and 0's for each letter
- Program encodes for compression and decodes for decompression

15-Puzzle Game

Eclipse Java

- Designed an interface for a user to play a 15-puzzle game
- Utilized an AI solution to solve a random puzzle solution
- Portrayed each step of the solution to the player

E-Portfolio

VSCode CSS, HTML

- Developed an interactive webpage for ease of access of viewing my work and contact information
- <https://mohammed-hashmeh.github.io/E-Portfolio/>

RELATED COURSEWORK

Data Structures, Machine Organization, Software Design, Applied Statistical Methods, Linear Algebra, Machine Organization, Languages and Automata

PROFESSIONAL EXPERIENCE

JJ Fish & Chicken, Chicago, IL

Customer Service Associate

June 2018 – August 2020

- Greet and serve customers
- Received and processed cash and credit card payments
- Keep the store stocked and well maintained
- Worked as a team member to provide highest level of service to customers

Mosque Foundation Bridgeview

Coordinator and Preparations

July 2016 – Present

- Eid Prayer Setup and Organization
- Plan a variety of events for younger children during organizations
- Attend events setup for the community, setup, and cleanup

KEY SKILLS

- Technical skills: C/C++, Java, Excel
- Software: VSCode, Visual Studio, Eclipse, Microsoft Office, GIT
- Operating Systems: Window Linux
- Superior interpersonal skills, conflict resolution, leadership development
- Interest: Hiking, biking, and films
- Fluent in Arabic