

Mihir Jajodia

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EDUCATION

University of Illinois at Chicago (UIC)

Bachelor of Science in Computer Science

Minor: Mathematics

Expected: May 2022

RELEVANT COURSEWORK

| | | |
|-------------------|-----------------------|-------------------------------|
| Program Design 1 | Programming Practicum | Foundations of Computing |
| Program Design 2 | Data Structures | Languages and Automata |
| Software Design 1 | Database Management | Systems Programming |
| Computer Design | Machine Organization | Applied Statistical Methods 1 |

SKILLS

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

Software: Microsoft Office, MySQL, React.js

Linguistics: Fluent in English and Hindi

WORK EXPERIENCE

Web Design & Development Intern, Collegify

Dec 2020 – Present

- Developed a website for myself using HTML, CSS, and React.js

Dining Aide, UIC Dining Services

Feb 2020 – Present

- Maintained sales transactions at the cash register and assisted with cooking duties
- Maintained the cleanliness of the dining hall and ensured food sanitation and safety

Move-in crew, UIC Project LEAD

August 2018

- As part of a 3-day program, helped incoming freshmen moving into their dorms
- Handled the initial move-in documentation for each student

RELEVANT PROJECTS

Openstreet Maps

- Implemented Dijkstra's Algorithm to find the shortest path from a start point to a destination
- Implemented a custom graph data structure using a map of maps

Huffman Coding

- Successfully implemented all parts of the Huffman Coding problem
- Thorough usage of maps, priority queues, binary trees and non-exponential runtime

Random Text Generator

- Used maps to implement Markov Chain algorithm for Natural Language Processing

Priority Queue

- Implemented a custom priority queue data structure using binary trees
- Used Google Tests to thoroughly test each function of the data structure