Abbas Madni

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EDUCATION

UNIVERSITY OF ILLINOIS AT CHICAGO | BS IN COMPUTER SCIENCE

August 2019 – May 2023 | Chicago, IL | Completed: May 2023

Technical Skills and Relevant Coursework

Skills: C++/C, Python, Javascript, Java, F#, SQL, Azure, Figma, Linux, React.js, Github, DevOps

Classes: Data Structures, Algorithms, Machine Learning, Artificial Intelligence, UI Design, OOP, Databases, Wearables Technology, Embedded Systems

Projects

Weather Prediction – Spring 2023

- Trained a dataset of Seattle's weather from 2012 to 2015 on multiple machine learning models in Python such as Naïve Bayes, Decision Tree Classification and Logistic Regression
- Produced visual representation of the results of each model as well as a comparison and presented the data to class

Open Street Maps – Fall 2021

- Developed an algorithm that inputs a map of UIC's campus and navigates two people at two different buildings to a "good" meeting spot using building locations and footways between buildings and Dijkstra's graph algorithm.
- Implemented a graph class based on an adjacency list to organize the map of UIC's campus, which enabled the ability to add edges & vertices as well as accessing information of the graph.

EXTRACURRICULAR ACTIVITIES

ENGINEERING DESIGN TEAM

August 2021 – May 2022 | UIC Robotics

- Implementing knowledge and practices acquired in the classroom into engineering projects and mobile robotics
- Participating alongside mechanical and electrical engineering students along with computer science students to understand robotics devices

Work Experience

Centric Consulting Group

June 2022 – August 2022 | Remote

- Learned SQL with the goal of gaining a basic understanding of databases for application within the company
- Worked with a team of DevOps engineers to develop a database in excel using Embedded JavaScript
- Completed trainings alongside fellow interns to better understand the field of consulting
- Presented the database as slide show to various management level employees at the company

INSTRA.AI

June 2020 – September 2021 | Aurora, IL

- Project based internship involving development of products which will be utilized to better sort processes within the healthcare environment
- Consult with undergraduate and graduate students using HTML, React, and Python to process healthcare data