Yousef Habeeb

773 780 9134 | yousefmh21@gmail.com | linkedin.com/in/yousef | github.com/yousef | YousefHabeeb.com

EDUCATION

University of Illinois at Chicago (UIC) – College of Engineering GPA: 3.8/4.0

Bachelor of Science in Computer Science *Expected: December 2024*

EXPERIENCE

Application Development Intern June 2024 - Present

CBRE *Chicago, IL*

- Developing and customizing applications using XML and JavaScript for the front-end, and SQL and Java for the back-end, to enhance client facility management and operational efficiency.
- Identifying and fixing bugs within the Archibus platform, ensuring a seamless user experience and enhancing system stability for end-users.
- Working closely with clients to understand their needs and provide technical support, while collaborating with the development team to deliver effective solutions and address emerging challenges.

Teaching Aide August 2023 - Present

University of Illinois at Chicago *Chicago, IL*

- Guided over 100 students in mastering Python, C++, and C, significantly enhancing their programming skills and data structure knowledge, leading to an average exam score improvement of 25%.
- Facilitated 30+ interactive learning sessions, introducing key computer science concepts, which improved student practical proficiency as evidenced by a 15% increase in lab project scores.
- Conducted 15 hands-on Arduino workshops, enhancing the hardware programming capabilities of over 100 students, and contributing to a 35% increase in student projects involving hardware integration.

Software Engineering Intern January 2024 - June 2024

WYA Group, Inc *Chicago, IL*

- Enhanced the WYA app's user interface and back-end functionality, leading to a 30% increase in user engagement by utilizing React.js and Node.js.
- Drove global growth strategies by actively contributing to weekly Agile meetings, enhancing project efficiency, resulting in a 20% faster project turnaround.
- Boosted user engagement by implementing key data-driven enhancements in the WYA app using React.js for the front-end and Node.js for the back-end, supporting the startup's scaling initiatives.

Natural Language Processing Intern January 2023 - August 2023

University of Illinois at Chicago *Chicago, IL*

- Developed algorithms that refined data extraction from scientific texts, enhancing dataset accuracy by 45%, thereby improving the quality of inputs for natural language research.
- Implemented and refined neural network and XLNet models using Python, achieving an F1 score of 0.92 and accuracy rate of 88%, setting new performance benchmarks for the research team.
- Developed Python scripts that automated annotation and analysis tasks, cutting manual labor hours by 50% and enhancing model training and data handling efficiency.

PROJECTS

Interactive Chat Application | *Node.js, React, Material UI, OpenAI API* July 2024

- Developed an interactive chat application using React for the front-end, Node.js for back-end services, and integrated OpenAI's API to provide real-time conversational functionality.
- Designed responsive pages including a landing page, chat interface, and activity dashboard, enhancing user experience with Material UI components and smooth routing via React Router.
- Configured secure API endpoints and employed Axios for seamless HTTP requests, ensuring efficient state management and reliable chat log handling across sessions.

TECHNICAL SKILLS

Languages: C/C++, Python, Java, SQL, Dart, Go, JavaScript, HTML/CSS, LaTeX, Bash, R, F#
Frameworks: Google Test, React.js, Node.js, Flutter, Valgrind, GDB, Flask, JUnit, WordPress
Developer Tools: Git, Docker, Microsoft Azure, VS Code, Eclipse, IntelliJ, Android Studio, RStudio, Tomcat, Maven,
Database Management Tools: SQL Server Management Studio (SSMS), DBeaver
Libraries: pandas, NumPy, Matplotlib