

Yousef Habeeb

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EDUCATION

University of Illinois at Chicago (UIC) – College of Engineering

Bachelor of Science in Computer Science

GPA: 3.8/4.0

Expected: December 2024

EXPERIENCE

Application Developer

June 2024 - Present

Coldwell Banker Richard Ellis (CBRE)

Chicago, IL

- Engineer and optimize Java and JavaScript solutions within the Archibus platform, customizing features and improving system performance to meet specific client needs
- Collaborate with clients across various industries, including government and tech, to deliver tailored software solutions and ensure operational efficiency
- Develop complex SQL queries for generating reports and insights, supporting data-driven decision-making and business analytics

Software Engineer Intern

January 2024 - June 2024

WYA Group, Inc

Chicago, IL

- Enhanced the front-end UI of the WYA official site and added new features to the mobile web application using React and Node.js
- Collaborated with the Development team to gather feedback and ensure the implemented features aligned with user needs and business goals
- Partnered with back-end developers to integrate new front-end features and optimize the overall user experience across platforms

Software Development Educator

August 2023 - December 2024

University of Illinois at Chicago

Chicago, IL

- Facilitated group learning sessions in Python and C helping students strengthen their programming skills and gain a deeper understanding of computer science concepts
- Instructed students in MATLAB, focusing on its use in numerical computation and data analysis, and improving their coding efficiency
- Led lab sessions and guided over 100 students through hands-on exercises, improving their understanding of data structures and algorithms

Software Engineer Intern

September 2023 - March 2024

Boosted Biz

Chicago, IL

- Contributed to backend development using Python, JavaScript, and SQL, focusing on hosting, database management, and API integrations
- Spearheading the development of an AI chatbot feature for Boosted Biz, utilizing JavaScript, CSS, Angular, and Python, enhancing user experience on the platform
- Actively contributing to business growth discussions and aligning technical solutions with business objectives

Natural Language Processing Intern

January 2023 - August 2023

University of Illinois at Chicago

Chicago, IL

- Improved data extraction from scientific texts using Python, enhancing the accuracy of research datasets
- Contributed to developing and optimizing neural network and XLNet models, significantly advancing the performance of the research team
- Automated annotation and analysis tasks with Python, boosting efficiency of model training and data processing

PROJECTS

Voice Controlled Pac-Man | *JavaScript, Microsoft Azure Speech*

July 2024

- Developed a voice-controlled Pac-Man game using JavaScript and Microsoft Azure Speech API, enabling hands-free gameplay through speech recognition
- Designed an intuitive and responsive user interface, optimizing player experience across devices, while implementing game mechanics like collision detection, score tracking, and AI-controlled ghost movement

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, XML, HTML/CSS, Java, SQL, Dart, Go, 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