

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

December 2024

CERTIFICATIONS

AWS Certified Cloud Practitioner

August 2025

Java Foundations Professional Certificate by JetBrains

November 2025

JPMorgan Software Engineering Job Simulation

November 2025

EXPERIENCE

Application Developer

June 2024 - Present

Coldwell Banker Richard Ellis (CBRE)

Remote

- Engineer custom features for an enterprise space management platform, architecting backend service integrations with **SmartClient**, building dynamic **Power BI** dashboards for facility analytics, and performing full-stack debugging across **Java** and **Node.js** environments using **SQL**, **JavaScript**, and **XML**
- Execute data migration projects using Archibus connectors and **SharePoint**, design stored procedures in **SQL Server** with **SSMS** and **DBeaver**, and automate workflows using **PowerShell** and **AWS**

Software Engineer Intern

January 2024 - June 2024

WYA Group, Inc

Chicago, IL

- Redesigned the WYA event management platform with **React** and **Node.js/Express.js**, implementing responsive RSVP functionality and real-time guest tracking with **MongoDB**, while automating email workflows using **SendGrid API** to process 1K+ weekly invitations with **RESTful API** endpoints secured by **JWT authentication**
- Developed native iOS features for the WYA mobile application using **Swift** and **SwiftUI**, integrating API calls to backend services, implementing push notification handling for event updates, and building custom UI components for event browsing and RSVP management

Teaching Assistant

August 2023 - December 2024

University of Illinois at Chicago

Chicago, IL

- Mentored 100+ students in programming fundamentals and data structures using **Python**, **MATLAB**, and **C** for **Arduino IDE**, conducting coaching sessions to help debug code and optimize algorithms
- Led hands-on lab sessions for embedded systems projects using **Arduino**, providing technical support for circuit design and microcontroller programming while developing course materials

Software Developer Intern

September 2023 - December 2023

Boosted Biz

Chicago, IL

- Developed and maintained backend services using **Python**, **JavaScript**, and **SQL**, implementing **RESTful APIs** and database optimization strategies that supported 10K+ daily active users
- Built custom e-commerce features for merchandise ordering and store management using **Angular** and **Python**, implementing automated order processing workflows that reduced fulfillment time by 35%

Natural Language Processing Research Intern

January 2023 - August 2023

University of Illinois at Chicago

Chicago, IL

- Built data extraction pipelines in **Python** for processing scientific literature, implementing preprocessing algorithms that improved dataset accuracy by 60%
- Trained **deep learning** models using **PyTorch** and **XLNet**, conducting **machine learning** experiments and hyperparameter tuning that achieved state-of-the-art NLP performance

TECHNICAL SKILLS

Languages: JavaScript, Python, Swift, Java, SQL, C++, Go, C, TypeScript, Dart, MATLAB

Frameworks & Libraries: Spring Boot, React.js, Node.js, PyTorch, Angular, Flask, jQuery, Google Test

Developer Tools: Git, Docker, AWS, Power BI, Jira, VS Code, IntelliJ, Eclipse, Maven, Tomcat, Valgrind, GDB

Databases: SQL Server, MongoDB, H2, PostgreSQL

Database Tools: SQL Server Management Studio (SSMS), DBeaver