

Zeina Zahoori

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EDUCATION

University of Massachusetts Amherst

Amherst, MA

Bachelor of Science in Computer Science, Minor in Business

Aug. 2021 – Dec. 2024

Relevant Coursework: Software Engineering, Artificial Intelligence, Software Entrepreneurship, Accounting Principles, Intro to HCI, Applications of Data Management, Fundamentals of Marketing, Corporation

Finance, Mobile and Ubiquitous Computing, Intro to Operations Management, Business Ethics

Interests & Hobbies: Artificial Intelligence, UI/UX, World Traveler, Hiking, Baking, Painting

LEADERSHIP AND INVOLVEMENT

University of Massachusetts Amherst: Lifetime Undergraduate Course Assistant Award, Grace Hopper Celebration Scholarship Recipient, Head Undergraduate Course Assistant for Data Structures, President of UMass Product Club, Founder and President of Girls Who Code College Loops at UMass

Assemblyman Steve Stern Leadership Award: Earned citation from New York State for showing profound leadership in uniting the Half Hollow Hills Central School District Muslim Community

First Degree Black Belt in Jeet Kune Do: Received in July 2018; appointed as Captain of Leadership Academy

EXPERIENCE

BlackRock

June 2024 – August 2024

Aladdin Product Management Intern — SQL, Agile, Azure DevOps, Structured Thinking

New York, NY

- Spearheaded the planning and communication of the Q3 Roadmap for Aladdin Studio Data Cloud Content, detailing new features for client use and effectively engaging stakeholders to integrate feedback into the enhancement process
- Utilized Agile methodologies with Aha and Azure DevOps to successfully incorporate and validate three book yield columns into the position analytics dataset using SQL, enhancing data granularity and client reporting for fixed-income investments

Liberty Mutual Insurance

June 2023 – August 2023

TechStart Intern — MySQL, Splunk, Jira, PowerBI

Portsmouth, NH

- Engineered a comprehensive Power BI dashboard using Splunk and MySQL to analyze and prioritize application security threats, aligning with risk mitigation strategies
- Executed threat modeling for various applications by leveraging security principles, and improved the Jira framework for Global Digital Services Business Information Security to ensure seamless project tracking and stakeholder collaboration

Mediafly

June 2022 – November 2022

Revenue Operations Intern — Python, SQL, Numpy, Pandas, Matplotlib, Data Analysis

Chicago, IL

- Applied data analysis techniques to evaluate intricate datasets, created a predictive machine learning model for seamless integration into Salesforce, and provided valuable support in generating ad-hoc reports and conducting insightful analysis
- Played a pivotal role in designing and streamlining substantial data migration processes, ensuring seamless integration and accurate internal documentation updates throughout three merger and acquisition initiatives

PROJECTS

Kashmiri Gathering North America App

June 2022 – Present

- Developed a full-stack application for a high profile event attended by over 1,000 participants featuring an in-app networking platform, a point-based competitive leaderboard, an interactive venue map
- Managed back-office IT operations, coordinated app development with ongoing feedback from stakeholders, responsible for delivering app notifications throughout the event to ensure smooth user experience
- Utilized SwiftUI, Javascript, C#, XAML, HTML/CSS to successfully deliver an engaging user experience

Gesture-Controlled System for Real-Time Action Recognition

May 2024

- Developed a machine learning model using OpenCV, MediaPipe, TensorFlow, NumPy, and Matplotlib to detect and classify gestures in real-time with an LSTM network, achieving 71% average accuracy.
- Implemented real-time feedback and predefined responses, enhancing user interaction by displaying detected landmarks and probabilities on the screen