Murad Alhassen

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EDUCATION

B.S. Computer Science   Expected 05/2027

Arizona State University, Tempe, AZ   **3.75 GPA**

EXPERIENCE

JPMorgan Chase & Co. Software Engineering Virtual Experience   06/2024 – 08/2024
- Actively learning stock price data feed interface, utilizing JPMorgan Chase frameworks for data visualization, and displaying data visually for traders. Acquired skills in financial data analysis, **Python** programming, **Git**, **React**, **TypeScript**, and web application development.

JPMorgan Chase & Co. Agile Job Simulation on Forage   09/2024
- Drafted and prioritized user stories on Trello and led daily standups to plan and energize the Scrum team.
- Conducted sprint reviews to gather feedback and a sprint retrospective to identify opportunities for future improvement.

PROJECTS

Premier League Match Predictor, Personal Project   09/2024
- Developed a **Machine Learning** model in **Python** using **Pandas** to predict future Premier League match winners, implementing data scrapping techniques to collect and preprocess historical match data for training and evaluation.

Project Spyn, *Class Project*   08/2023
- Developed an autonomous car within a team that has the capabilities to obey traffic light controls and pickup/drop off passengers through light and motion sensors within **MATLAB** to be programmed onto the car using an **Arduino** board.

Training With Fahmi, *Client Project (Website)*   08/2024
- Developed a website with **HTML** and **JavaScript** for a personal training business, boosting bookings by **25%** in three months.
- Implemented an online booking system that boosted youth engagement by **40%** and improved accessibility across devices.

C++ Tic-Tac-Toe, Personal Project   08/2024
- Developed a Tic Tac Toe game using **C++** with computer AI using **Object-Oriented Programming**
- Implemented game logic for player inputs, move validation, and game outcomes, ensuring accurate result determination.

EXTRACURRICULAR EXPERIENCE

Founder and President of ColorStack at ASU: Tempe, AZ   08/2024 – Current
- Developed a safe place and sense of community for over 30+ Black and Latinx students pursuing CS, projected to double in membership size over the next year.
- Plan on having CS focus driven technical meetings run by companies such as American Express, Meta, Amazon, Google, and much more.

Vice President of National Society of Black Engineers: Tempe, AZ   05/2024 – Current
- Led a dynamic annual fair, raising an impressive **$42,000** in funds and securing participation from 10 leading companies, while also orchestrating a 20-student delegation for a pivotal regional conference, showcasing exceptional organizational and leadership skills.
- Amplified user engagement by **30%** through proactive updates and alerts, while fostering collaboration with multiple industry leaders to invite guest speakers and actively engaging members through regular meeting presentations.

CodePath Technical Interview Prep Student   09/2024
- Apart of CodePath's 12-week Technical Interview Prep Program, utilizing **Python** and **Data Structures and Algorithms** to prepare for solving challenging algorithm problems in potential future technical interviews.

Communications Chair of National Society of Black Engineers: Tempe, AZ   08/2023 – 05/2024
- Handled the communication, networking and outreach for the NSBE chapter and its fellow members across all platforms.
- Kept NSBE members up to date with current events which led to a **20% growth** in member count.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, MATLAB, C++, Python, TypeScript

Front-End: HTML, CSS, React.JS, Material UI

Tools, Databases, and OS: Git, GitHub, Windows, MacOS, Word, Excel, API, Pandas, Machine Learning, Agile, Scrum, Trello