

# Murad Alhassen

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## EDUCATION

<b>B.S. Computer Science</b>	Expected 05/2027
Arizona State University, Tempe, AZ	<b>3.75 GPA</b>

## RELEVANT PROJECTS

<b>JPMorgan Chase &amp; Co. - Software Engineering Virtual Experience (Certificate)</b>	06/2024 – 08/2024
<ul style="list-style-type: none"><li>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, <b>Python</b> programming, <b>Git</b>, <b>React</b>, <b>TypeScript</b>, and web application development.</li></ul>	
<b>Premier League Match Predictor, Personal Project</b>	09/2024
<ul style="list-style-type: none"><li>Developed a <b>Machine Learning</b> model in <b>Python</b> using <b>Pandas</b> to predict future Premier League match winners, implementing data scrapping techniques to collect and preprocess historical match data for training and evaluation.</li></ul>	
<b>Project Spyn, Class Project</b>	08/2023
<ul style="list-style-type: none"><li>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.</li><li>Developed code within <b>MATLAB</b> to be programmed onto the car using an <b>Arduino</b> board.</li></ul>	
<b>Training With Fahmi, Client Project (Website)</b>	08/2024
<ul style="list-style-type: none"><li>Developed a user-friendly website using <b>HTML</b> and <b>JavaScript</b> for a personal training business, resulting in a <b>25% increase</b> in client bookings within the first three months.</li><li>Implemented an online booking system that increased youth engagement by <b>40%</b> by improving accessibility and allowing clients to book sessions from any device.</li></ul>	
<b>C++ Tic-Tac-Toe, Personal Project</b>	08/2024
<ul style="list-style-type: none"><li>Developed a Tic Tac Toe game using <b>C++</b> with computer AI using <b>Object-Oriented Programming</b></li><li>Implemented game logic for player inputs, move validation, and game outcomes, ensuring accurate result determination.</li></ul>	

## EXTRACURRICULAR EXPERIENCE

<b>Founder and President of ColorStack at ASU: Tempe, AZ</b>	08/2024 – Current
<ul style="list-style-type: none"><li>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.</li><li>Plan on having CS focus driven technical meetings run by companies such as American Express, Meta, Amazon, Google, and much more.</li></ul>	
<b>Vice President of National Society of Black Engineers: Tempe, AZ</b>	05/2024 – Current
<ul style="list-style-type: none"><li>Led a dynamic annual fair, raising an impressive <b>\$42,000</b> 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.</li><li>Amplified user engagement by <b>30%</b> through proactive updates and alerts, while fostering collaboration with multiple industry leaders to invite guest speakers and actively engaging members through regular meeting presentations.</li></ul>	
<b>CodePath Technical Interview Prep Student</b>	09/2024
<ul style="list-style-type: none"><li>Apart of CodePath's 12-week Technical Interview Prep Program, utilizing <b>Python</b> and <b>Data Structures and Algorithms</b> to prepare for solving challenging algorithm problems in potential future technical interviews.</li></ul>	
<b>Communications Chair of National Society of Black Engineers: Tempe, AZ</b>	08/2023 – 05/2024
<ul style="list-style-type: none"><li>Handled the communication, networking and outreach for the NSBE chapter and its fellow members across all platforms.</li><li>Kept NSBE members up to date with current events which led to a <b>20% growth</b> in member count.</li></ul>	

## 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