Muhammad Asjad Rehman Hashmi

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EDUCATION

The University of Southern Mississippi — Expected Graduation: June 2026
Bachelor of Science in Computer Science — GPA: 4.0/4.0
Bachelor of Arts in Political Science — GPA: 4.0/4.0
Hattiesburg, Mississippi
- Academic Honors: 3 x President's List, Academic Excellence Scholar
- Campus Involvement: President (Muslim Student Association), Media Manager (Robotics Club), Member (Google Devs)

RELEVANT COURSEWORK

Data Structures & Algorithm Analysis, Computer Systems, Secure Software Development, C. Science, Differential Equations, Probability & Statistics, Cyber Law and Ethics, Software Development Foundations, Operating Systems, DBMS Design, Algorithms, Introduction to Software Engineering.

SKILLS

- **Programming Languages**: C++, Python, C#, Java
- **Frameworks/Technologies**: .NET MAUI, XAML, SQL
- **Tools**: Git, Visual Studio, GoogleTest

PROJECTS

Vending Machine Management System – Full Cycle Development
- Developed a program to manage **10 vending machines**, enabling item addition, removal, search, and purchase using **C++**.
- Implemented **object-oriented design** with separate classes for vending machines & items, incorporating file handling for inventory tracking.
- Differentiated user roles (owner/user) and integrated error handling for improved reliability.

CryptoPals Crypto Challenges Software Suite – Backend Development
- Collaborated in a team to develop a prototype solving **CryptoPals Crypto Challenges**, demonstrating real cryptographic attacks/solutions.
- Designed a **user-friendly interface** to navigate challenges and solutions, ensuring accessibility and ease of use.
- Developed the prototype in **C#**, with a follow-up test suite implemented using GoogleTest.

Employee Management System – Project Management & Full Stack Development
- Led a team as **Project Manager and Full Stack Developer** to design and implement a system for mid and small-scale companies for managing employee records, departments, and leave requests.
- Built the frontend using **.NET MAUI** and integrated it with a robust **SQLite database** to enable **CRUD operations** for employee and leave management.

Website Development – Project Management, Frontend Development, and Testing
- Designed, developed, and tested a website in collaboration with **Technilizer** to enhance the center's online presence and facilitate donations.
- Integrated **online payment forms** and streamlined donation solutions, increasing contributions by **50%**.

Data Management System – Full Cycle Development
- Designed and developed a full-stack solution for managing contracts, deliveries, payments, and profiles of ginners using **C#** and **XAML**.
- Implemented robust CRUD operations for contracts, deliveries, and payments with export functionality to **Excel** and **Word** formats.
- Streamlined business workflows with user-friendly dropdowns, editable forms, and database integration to ensure accurate data tracking and reporting, automated calculation overview and ledger keeping by data manipulation for easier access.

LEADERSHIP EXPERIENCE

PRESIDENT — May 2024 - Present
Muslim Student Association, *University of Southern Mississippi*
- Direct strategic planning and execution of initiatives, increasing campus presence and student membership for the MSA by 30%.
- Foster partnerships with university administration & organizations, enhancing collaborative efforts and advocacy for the MSA's interests.
- Organize and lead weekly events for 150+ attendees, demonstrating leadership, and conflict-resolution skills in managing diverse teams.
- Oversee thousands of dollars in funding, optimize resource allocation, and coordinate events to ensure exceptional outcomes.

MEDIA MANAGER — Aug 2024 – Present
Robotics and Intelligent Machines Club, *University of Southern Mississippi*
- Spearhead media strategies and content creation, boosting engagement and visibility for the Robotics & Intelligent Machines Club at USM.
- Manage 2 social media platforms and promotional campaigns, effectively boosting club visibility by 20%

WORK EXPERIENCE

The University of Southern Mississippi – Union | *Hattiesburg, MS*
Complex Manager | April 2025 - Present
Trent Lott National Center Specialist | January 2025 – March 2025
Crew Leader | July 2024 – December 2024
Crew Member | May 2024 – July 2024

- Promoted to the highest rank **within a year** due to optimizing event setup workflows, improving efficiency by **20%**.
- Monitor and enforce safety protocols, ensuring compliance and minimizing risks during all Union events and activities.
- Supervise team activities, ensuring tasks are completed efficiently and on time, improving event setup time by **23%** by optimizing team workflows and two-factor authentication.
- Responsible for overseeing facility operations, event execution, and team management within the Union Complex.
- Trained **6+** new hires, leading to a **20%** increase in event efficiency.

Madina Enterprises | *Faisalabad, Pakistan*
IT Management Intern (remote) | June 2024 – December 2024
Administrative Assistant | January 2020 – September 2022

- Increase operational efficiency by **40%** through the implementation of a **SQL-based client database system** using **.NET MAUI** (C#, XAML), enabling faster information retrieval and streamlined access. End-to-End desktop application software.
- Streamline administrative processes by efficiently managing email correspondence, quotations, and delivery challans, ensuring clear and timely communication with stakeholders.
- Enhanced meeting effectiveness by diligently preparing and distributing agendas, minutes, and relevant materials, fostering focused and productive discussions.

The Islamic Center of Hattiesburg | *Hattiesburg, MS*
Secretary to the Board | September 2023 – Present

- Developed and deployed the Islamic Center's website using WordPress, increasing community donations by **38%** and improving engagement metrics by **50%**.
- Optimized scheduling systems through automation, improving efficiency by 70% and ensuring seamless event execution.
- Forged strong community relationships, effectively resolving conflicts, and advocating for the Center's interests, leading to increased partnerships and support.
- Facilitated impactful weekly gatherings through engaging facilitation and thought-provoking presentations, fostering a welcoming and inclusive environment for **100+ attendees**.

LANGUAGES

ENGLISH – Full Professional Fluency
- Writing 5/5
- Speaking 5/5
- Reading 5/5

URDU – Native Fluency
- Writing 5/5
- Speaking 5/5
- Reading 5/5

PUNJABI – Native Fluency
- Writing 5/5
- Speaking 5/5
- Reading 5/5

ARABIC – Limited Working Fluency
- Writing 4/5
- Speaking 3/5
- Reading 4/5