

SYED SHAYAAN HASNAIN AHMAD

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EDUCATION

FAST National University of Computer and Emerging Sciences – BS. Computer Science.

2020-2024

Relevant Courses: *Differential Equations, Data Structures, Data warehousing, Artificial Intelligence, Software Engineering, Operating Systems, Database systems, Data Mining, Statistical Modelling, Software Project Management*

PROFESSIONAL EXPERIENCE & EXTRACURRICULAR

- **Data Analytics intern at NADRA Data Warehouse, NADRA Headquarters** July-Aug 2023
 - Results-driven data analytics intern with hands-on experience at NADRA's data warehouse.
 - Proficient in utilizing data analysis techniques, Power BI, and Tableau to derive actionable insights, facilitating informed decision-making processes and driving business success.
 - Uncovered valuable insights from complex datasets optimizing organizational performance during the internship.
- **Cybersecurity internship at Pakistan Information security Association (PISA)** June 2019
- **Vice President Fast Computing Society 2023-2024**
 - Lead a team of over 150 individuals in organizing and executing various events and initiatives
 - Spearheaded creative projects and maintained relationships with external partners, ensuring the society's goals were met, overseeing event coordination and promoting collaboration and creativity within the organization.

PROJECTS

Final Year Project (FYP): Revolutionizing Candidate Recruitment

- Developed a cutting-edge web application to modernize candidate evaluation for recruitment and academic positions. Implemented key features such as, **CV parsing**, and **dynamic quiz generation**. Leveraged advanced NLP techniques for **accurate skill extraction**, enhancing efficiency in candidate assessment. Demonstrated exceptional problem-solving skills and technical proficiency in addressing recruitment challenges, providing employers with a comprehensive talent acquisition solution.
- Spearheaded the development of a cutting-edge Airline management system, leveraging the power of **Agile methodology** with an intuitive UI, and an **efficient SQL backend architecture**.
- **Designed a Java-based food delivery and ordering web app** with a **user-friendly front end** and **efficient MongoDB database connectivity** to optimize delivery times and streamline order processing.
- Leveraged **machine learning techniques to implement advanced AI models**, implementing machine learning frameworks and libraries (e.g. TensorFlow, PyTorch, scikit-learn) for building prediction models
- Developed a comprehensive University Event Management system using **C Language, Asp.net, and SQL**. Provided seamless user experience, facilitating efficient event coordination.

SKILLS AND INTERESTS

- **C++, C, Python, JAVA**
- **Database management systems** such as **MySQL and MongoDB**
- Strong grasp of complex computer science concepts such as **Object-Oriented Programming (OOP)**, **software development methodologies (Agile, Scrum)**, version control systems (**Git**)
- Proficient in implementing cutting-edge AI models and **leveraging NLP techniques** to derive insights from text data.
- Advanced data analysis techniques using tools such as **PowerBi, Tableau, MS Excel and Access**.
- **Excellent communication and presentation skills**, with experience in writing technical and business documents, delivering effective presentations, and collaborating with cross-functional teams.
- Passionate about sports, fitness, and music.

(References available upon request)