Ishaque Tashrifullahi Syed

Chicago, IL • syedishaque54@gmail.com • +1 (224) 391-8735 • linkedin.com/in/ishaque12

OBJECTIVE

Seeking a challenging role to leverage technical expertise, organizational skills, and a positive attitude for the success of a dynamic organization. Committed to taking on additional responsibilities and exceeding expectations to achieve both personal and company goals.

EDUCATION

➢ **Northeastern Illinois University, Chicago, IL**   Anticipated May 2024
   Masters in Computer Science, 4.0 GPA
➢ **Jawaharlal Nehru Technological University, Hyderabad**   2020
   Bachelor of Technology (Computer Science & Engineering)

TECHNICAL SKILLS

➢ **Programming and Web Development:** C, C++, Java, Python, HTML5, CSS, JavaScript, Bootstrap.

➢ **Database and Other Tools:** SQL, MS SQL Server, MySQL, MongoDB, AWS, Eclipse, Visual Studio Code, GIT (Version control), Android Studio, Adobe Photoshop, Adobe Indesign, Microsoft Excel, PowerPoint, Word.

PROFESSIONAL EXPERIENCE

➢ **Graduate Assistant, edTPA Technology, College of Education, NEIU**   2022 - Present
   ● Optimized the Watermark tool and delivered technological support for the edTPA takers, bolstering the university's assessment, planning and reporting capabilities.
   ● Revamped and oversaw the NEIU College of Education website using a CMS, achieving a 75% reduction in crawl errors.
   ● Developed and delivered edTPA technical presentations, addressing technological challenges and ensuring seamless portfolio submissions for edTPA takers.
   ● Collaborated and streamlined the creation of pivotal reports for the College of Education, ensuring organized and efficient submissions to the Illinois State Board of Education.
   ● Analyzed student test data, producing insightful reports that guided supervisor decision-making.

➢ **Graphic Designer and Editor, The Independent, NEIU**
   ● Crafted design solutions for 'The Independent' using Adobe Indesign and various design platforms, enhancing visual appeal.
   ● Edited content and layout for 'The Independent' newspaper, ensuring clarity and professionalism.
   ● Designed engaging social media posts for the department's accounts, amplifying online presence and engagement.

ACADEMIC PROJECTS

➢ **Illinois Gov Dataset Analysis for Nursing Department at NEIU:** Spearheaded the compilation of a

comprehensive database encompassing hospital facilities, FQHCs, hospices, and other local healthcare organizations. Utilized Python and the **pandas** library to **extract** and **process** information from **XLS datasets**. Meticulously cleaned and organized the data to ensure accuracy and relevance, streamlining the creation of a comprehensive healthcare directory. Granted the Nursing department valuable insights into the local healthcare landscape. Enhanced departmental efforts to foster local healthcare partnerships and initiatives through informed data. Honed research, **data management**, and **analytical skills**, priming for advanced roles in computer science engineering.

➢ **Student E-Bridge: Android-Powered Campus Communication Platform**
Crafted an Android application to enhance communication between teachers and students on campus. With a frontend interface designed in XML and a robust **Java** backend, the platform offers a seamless user experience. A standout feature is its integration with **Amazon Web Services** (AWS) for efficient cloud storage and real-time data retrieval. This platform underscores the revolutionary impact of mobile technologies in reshaping campus communication dynamics.

➢ **IoT-Driven Gesture-Controlled Mobility Robot.**
Engineered an IoT-based mobility robot with the Arduino IDE to aid those with mobility challenges. The robot harnesses IR sensors and accelerometers for **accurate** hand gesture detection. A mounted IP camera allows for real-time remote surveillance, further optimized through the **MQTT protocol** for swift data transfer. Additionally, ultrasonic sensors ensure obstacle detection for safe navigation, while **Node-RED** boosts the system's adaptability, hinting at potential Raspberry Pi and LoRa enhancements in future iterations.

CERTIFICATIONS

- Recipient of the **National Society of Collegiate Scholars** (NSCS) Certificate, in recognition of my outstanding achievement, maintaining a 4.0 GPA throughout my Master's program at Northeastern Illinois.
- Certified in **'Java Programming Masterclass covering Java 11 & Java 17'** , Udemy course, which covers all the concepts of Java Programming.
- Completed the coursework on **'HTML, CSS and Javascript For Web Developers'** offered by Johns Hopkins University on Coursera platform.
- Attended a certified workshop on **'Data Science'** which provided an understanding of Data Science concepts.
- J.P Morgan Chase Virtual Internship Using **Python For Data Cleansing** and **Visualizing** for Sample Data of Stock Feed Price on the Forage Platform.
- Developer Virtual Experience Program at Accenture which dealt with **Architecture**, **Programming**, **Testing**, **Security** and **Artificial Intelligence** task completions.
- **'Ready, Set, Agile!'** Virtual experience program by Cognizant USA, which dealt with **agile methodology** and its practices in a company.
- **Back-end Engineering** Virtual Experience Program by Lyft, which dealt with Software architecture, refactoring, unit testing, and test-driven development.

OTHER INTERESTS

- ➢ Skilled in computer assembly, with a passion for building custom PCs using a variety of hardware components since childhood.
- ➢ Keeping up-to-date with emerging computer hardware technologies and trends to stay ahead of the curve.
- ➢ Active interest in gaming and staying informed about advancements in the gaming industry and related technologies.