Ishaque Syed

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EDUCATION

Northeastern Illinois University, M.*S. in Computer Science*   May 2024
- **GPA**: 4.0
- **Relevant Coursework**: Data Structure and Algorithms, Network Security, Cryptography, Database Management, Cross-Platform Mobile Application Development, Project Management, Object Oriented Design, Informatics

WORK EXPERIENCE

Graduate Assistant, edTPA Technology – NEIU, **Chicago, IL**   March 2022 - Present
- **Optimized** the Watermark tool, enhancing the university's assessment and reporting capabilities.
- Redesigned and **optimized** the NEIU College of Education website's frontend, slashing crawl errors by **75%** and significantly improving its visual interface.
- Developed edTPA **presentations** to address tech challenges and ensure smooth portfolio submissions.
- Streamlined the creation of key reports for the College of Education for the Illinois State Board of Education.
- **Analyzed** student test data to produce insightful reports for supervisor decision-making.

RECENT ACADEMIC PROJECTS

Malware URL Blocker - Microsoft Edge Add-on Developer
- Pioneered the '***Malware URL Blocker***' as a Microsoft Edge add-on to address gaps in Microsoft SmartScreen Filter's malware detection.
- **Conducted** comprehensive research and leveraged the *URLHaus* database to integrate real-time threat intelligence into the browser.
- **Developed** using advanced JavaScript and browser APIs, focusing on minimal performance impact and maximal user privacy.
- Implemented an **auto-updating** mechanism to regularly refresh malware definitions every hour, enhancing the extension's responsiveness to new threats.

Illinois Gov Dataset Analysis for Nursing Department – GCOE, NEIU   Aug 2022- January 2023
- Led the creation of a comprehensive healthcare **database**, instrumental in the NEIU's Nursing program approval by ISBE.
- Used **Python** and **pandas** for data extraction and processing from XLS datasets.
- Ensured **data accuracy** and organization for a streamlined healthcare directory.
- Provided insights to **enhance** local healthcare partnerships and initiatives.

CERTIFICATIONS

- **Academic Excellence:** Recipient of the **National Society of Collegiate Scholars** (NSCS) Certificate for maintaining a **4.0 GPA** during my Master's at Northeastern Illinois.
- **Analytics:** Google Analytics Certified - Led Calendrix System's website integration into **Google Analytics**, emphasizing **traffic analysis**, **dashboard setup**, and **filter** implementation for **data precision**.
- **Web Development:** Completed '**HTML, CSS, and Javascript For Web Developers**' course by Johns Hopkins University on Coursera.
- **Data Science:** Participated in a certified workshop diving deep into core Data Science concepts, with a special emphasis on the detailed study of **transformers**, their **structure**, and **functionalities**.
- **Data Visualization with Python:** J.P Morgan Chase Virtual Internship on the Forage Platform focusing on **data cleansing** and **visualization** of stock feed prices.
- **Software Development Lifecycle:** Developer Virtual Experience at Accenture, encompassing Architecture, Programming, Testing, Security, and AI tasks.
- **Agile Methodology:** Completed **'Ready, Set, Agile!'** program by Cognizant USA, exploring agile practices in business settings.

SKILLS: Python, Javascript, MongoDB, AWS, React, SQL, MySQL, PostgreSQL, GIT, Android Studio, Adobe Photoshop, Adobe Indesign