ISHAQUE SYED

Chicago, IL (Open to relocation)

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Headline

Recent Computer Science graduate with 2+ years in a technical role, including conducting workshops and training users on software. Passionate about building seamless applications with functional user interfaces. Proficient in multiple programming languages and frameworks, with a strong ability to adapt quickly and work independently.

Education

Northeastern Illinois University   **Jan 2022 – May 2024**
Masters in Computer Science, 4.0 GPA

Relevant Coursework

- Analysis of Algorithms
- Database Design
- Object Oriented Design
- Web-App Development
- Computer Networks
- Software Engineering
- Informatics
- Cryptography

Technical Skills

Languages: Python, JavaScript, Java, C++, HTML, CSS

Frameworks and Libraries: React, Next.js, Node.js, Express.js, Bootstrap

Database: SQL, MySQL, PostgreSQL, MongoDB, SQLite

Cloud Services: AWS (EC2, S3, Lambda), Azure (Functions, Cosmos DB)

DevOps and CI/CD: Docker, Jenkins, Kubernetes, CI/CD, GitHub Actions, Travis CI

Project Management and Collaboration: Jira, Confluence, Trello, Slack

Version Control: GIT, GitHub, Bitbucket, GitLab

Tools and Technologies: Android Studio, VSCode, Postman, Adobe Photoshop, Adobe InDesign, Figma

Work Experience

Web Developer   **June 2024 – Present**
Black Association Executives (BAE)   *Remote*

- Collaborated with the BAE team to revamp their website, focusing on improving aesthetics, functionality, and user experience, resulting in a **60% increase in user engagement.**
- Implemented a searchable member directory, improving navigation and **search functionality** by **50%**, enhancing user satisfaction and accessibility.
- Applied strong understanding of **UX/UI principles** to create an **intuitive** and visually appealing interface, **enhancing overall user satisfaction.**

Graduate Assistant - edTPA Technology   **Feb 2022 – May 2024**
GCOE Office of The Dean, NEIU   *Chicago, IL*

- Redesigned and optimized the NEIU College of Education website's front-end, reducing crawl errors by **75%** and **enhancing** the visual interface.
- Delivered comprehensive edTPA presentations on emerging technologies and **organized technical workshops**, resulting in **significant decrease** in support inquiries and ensuring smooth portfolio submissions.
- Streamlined the creation of key reports for the Dean's Office, COE, introducing **Python** for **data analysis** previously done in Excel, which reduced report preparation time by **50%** and ensured timely submissions to the **Illinois State Board of Education**.
- Analyzed student test data using statistical analysis tools, producing **detailed reports** that improved supervisor **decision-making** and enhanced educational strategies by **identifying key areas for improvement**.
- Provided comprehensive **technical support** to the Dean's Office by **troubleshooting** and resolving **hardware** and **software** issues, and setting up new devices, which resulted in **seamless** operation and **increased overall productivity.**

Projects

ELI5: AI-powered Simplification Tool | *Python, React, Flask, OpenAI*   **May 2024**
- Developed an **'AI - educational tool'** using **Python** and **React** that leverages **OpenAI's GPT-3.5** Turbo model to simplify complex topics into child-friendly explanations, enhancing learning for young students.
- Designed and integrated a **Flask** backend to **handle API requests**, ensuring seamless communication between the frontend and OpenAI's API, achieving real-time processing of user queries.
- Standardized real-world testing with a six-year-old to gather feedback on **usability** and **engagement**, resulting in iterative improvements to the **user experience** and **content effectiveness**.

Malware URL Blocker - Microsoft Edge Add-on Developer   **February 2024**
- Pioneered the **'Malware URL Blocker'** as a Microsoft Edge add-on, utilizing an advanced algorithm to address gaps in Microsoft SmartScreen Filter's malware detection, enhancing browser security and gaining **200+ users**.
- Conducted comprehensive research and leveraged the *URLHaus* database to integrate **real-time threat intelligence**, improving the browser's ability to detect and block malware threats.
- Implemented an **auto-updating mechanism** to regularly refresh malware definitions every hour, ensuring the extension remains responsive to new threats and maintenance-free, a unique feature in the market.

Illinois Gov Dataset Analysis for Nursing Department | *GCOE, NEIU*   **Aug 2022 – January 2023**
- Led the creation of a comprehensive healthcare database using **Python** and its libraries, applying data analysis skills instrumental in the NEIU's Nursing program approval by ISBE, enhancing **data accessibility** and **integrity**.
- Optimized data processing workflows using Python and pandas, reducing processing time by **40%** and enhancing **report accuracy** and **efficiency** for key departmental decisions.
- Maintained data accuracy and organization for a streamlined healthcare directory, providing data-driven insights that **enhanced** local healthcare partnerships and initiatives, leading to more **effective** collaborations and **resource utilization**.

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.

Digital Intelligence: Completed the *PwC Switzerland Digital Intelligence Job Simulation*, gaining insights into *digital transformation* and strategic *decision-making.*

Analytics: Google Analytics Certified - Led *Calendrix System's* website integration into Google Analytics, emphasizing *traffic analysis*, *dashboard setup*, and *filter implementation* for data precision.

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: Completed a *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 the *'Ready, Set, Agile!'* program by Cognizant USA, exploring agile practices in business settings.

Professional References

Dr. Thomas Philion — *Dean, College of Education at NEIU*   *(trphilion@neiu.edu)*
- Dr. Philion served as my direct supervisor during my tenure at NEIU in the Dean's office, overseeing my daily tasks, projects, and **professional development.**

Dr. Alberto Lopez — *Associate Dean, College of Education at NEIU*   *(a-lopez@neiu.edu)*
- Dr. Lopez managed me, particularly in the **licensure area** where I created key reports that were submitted to the **Illinois State Board of Education**.

Kenneth Beyer — *Data Analyst and Assessment Coordinator at COE, NEIU*   *(k-beyer@neiu.edu)*
- Kenneth Beyer supervised my **data analysis** tasks in the Dean's Office, where we collaborated on various **data analysis projects** for the department.