**Simran Shrestha**

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**OBJECTIVE**

Junior Computer Science student seeking an internship to apply my skills, learn from experienced developers, and contribute to impactful projects in a collaborative, technology-driven environment.

**EDUCATION**

**Northern Kentucky University – Highland Heights, KY Fall 2026**

Bachelor’s in computer science, Minor in Data Science, GPA 3.69

**EXPERIENCE**

**Web Developer | Kentucky Center for Mathematics September 2024 –Present**

* Design, develop, and test enhancements for existing KCM applications while investigating and resolving production issues to ensure reliable and efficient performance.
* Update and maintain the KCM website by creating new web pages and implementing necessary changes to meet organizational requirements.

**Teaching Assistance | Course: Introduction to Python August 2023 –Dec 2023**

* Accomplished Effective Academic Support as measured by assisting the professor in teaching coding problems, maintaining weekly office hours, conducting problem-solving sessions and tutoring for 22 students in Fall '23
* Created live coding sessions for students to assist them to develop the mindset behind approaching a programming problem.

**SKILLS & CERTIFICATIONS**

Java | Python | C | NumPy | Pandas| Matplotlib| MySQL | R | HTML | CSS | JavaScript | Microsoft Excel | Microsoft Office 365 | Object Oriented Programming | Data Structures and Algorithms | Computer Network | Database Programming|

**PROJECTS**

**NKU AI chatbot May 2024-July 2024**

* Designed a chatbot for NKU using Python, Beautiful Soup, GPT-2 chatbot model and Jina AI to provide accurate and prompt answer to NKU related queries, ensuring a personalized experience for website visitors.
* Collected and preprocessed 1,611 HTML data samples from NKU’s website, converted them to text files, cleaned the data, and fine-tuned the model. The response by our model was 10-15% better compared to ChatGPT.

**Simulating ATM Banking Project**  **April 2022**

* Developed an ATM Banking Simulation Program using Java and OOP principles; created account management, transaction, and receipt generation functionalities, resulting in a user-friendly interface.

**LEADERSHIP & AFFILIATIONS**

* **Peer Coach |** Northern Kentucky University **September 2024-Current**
* **Secretary** |NKU Bhakti Yoga Club **November 2022-Current**
* **NKU AI Bootcamp | Volunteer |** Northern Kentucky University **Summer 2****024**