Aamr Ibrahim

Norfolk VA 23508
aamribra@gmail.com | (757) 765 – 0499
|https://www.linkedin.com/in/aamr-ibrahim-6403681b1/

S U M M A R Y :

To obtain on-campus role within the computer science department where I can assist my peers while leveraging my background and skills. As a goal-driven professional, I possess comprehensive knowledge of operational practices and regulatory standards within observation settings. My expertise lies in fostering strong relationships and effectively communicating, allowing me to establish strong connections.

E D U C A T I O N :

Old Dominion University, Norfolk, VA
Pursuing master's program in computer science as part of a linked program with undergraduate degree.

P R O F E S S I O N A L   T R A I N I N G S

- Oracle Cloud Infrastructure 2023 AI Foundations Associate - Certification

E X P E R I E N C E :

AI Chatbot with Database Integration BUID (Dubai, UAE) | 1/2021- 3/2021

- Managed the development of a Python-based AI-driven chatbot designed to deliver intuitive and user-friendly conversational interactions.
- Led the development and execution of AI algorithms to empower the chatbot in engaging with users through natural language assistance and providing tailored responses.

INNOVATE U- OWN Internship , ODU (Norfolk , VA)|5/2023 – 7/2023

- Innovation and personal ownership in learning.
- Experimental learning initiative.
- Engaged in research and practical activities.
- Emphasized an empathy or human-centered approach.
- Developed a prototype that contribute to the field of distance learning.

OS Enhancement Project, ODU(Norfolk , VA) | 11/2023 – 12/2023

- Developed solutions for two critical issues in operating systems: CPU scheduling and process synchronization using C++.
- Created strategies in CPU scheduling aimed at maximizing CPU usage, including implementing tactics such as Round Robin, First-Come, First-Served (FCFS), and Priority Scheduling algorithms.
- Designed and implemented mechanisms for controlling concurrent access to shared resources to address process synchronization issues.
- Minimized conflicts and race scenarios by utilizing synchronization mechanisms like semaphores, mutex locks, and monitors.
- Protected data integrity and increased system stability through effective implementation of synchronization mechanisms.

Knowledge Engineering, IQuasar(Sterling , VA) | 6/2024 – 8/2024

- Worked together with executives to create the SKS knowledge engineering initiative.
- Identified and evaluated unique tools for creating knowledge models and graphs.

- Explored standards, protocols and languages used in web technologies such, as OWL, SHACL and SPARQL.
- ROBOT, Protégé, Mobi, and their plug-ins have all been investigated as tools and methodologies for producing ontologies and knowledge graphs.
- Created lessons to help team members learn and use knowledge engineering tools and technologies.
- Assessed and reported on capabilities that would benefit SKS knowledge engineering initiatives.

PROGRAMMING SKILLS:

Programming language: Python, HTML, C++, R

R E F E R N C E S:

Dr. Soad Ibrahim