Abdurrahman Oyediran

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EDUCATION

The University of Southern Mississippi   Bachelor of Science, Computer Science   May 2027

Relevant Coursework: Operating Systems, Computer Architecture, Data Structures, Information Assurance and Security, Database Management, Python Programming, Linear Algebra and Matrices, Probability and Statistics, Robotics Systems, Algorithms, Web Development

EXPERIENCE

Security and Privacy of Emerging Networks Lab   April 2024 till date
Undergraduate Research Assistant
- Conducting literature reviews on sudden death prediction, having analyzed 10+ peer-reviewed journals and research articles.
- Evaluating and comparing proposed solutions to identify the most effective approaches for addressing common challenges.
- Collaborating with faculty and research team members to assess the reliability and applicability of various predictive models.
- Developing structured reports and summaries to aid in determining the best solutions for sudden death prediction.

Mississippi INBRE Tele Nutrition Center   January 2024 - May 2024
Outreach Intern
- Developed and delivered 10 educational presentations on sugar consumption health impacts using Microsoft PowerPoint, reaching 100+ community members, resulting in a 20% increase in community awareness.
- Assisted outreach supervisor with planning, coordination, and setup of 5 major community outreach events.
- Represented the organization at 5 farmer's market and community events to share nutrition information with about 100 people of the Hattiesburg community.

PROJECTS

Lib0, *C++*   November 2024
- Developed a C++ application for managing library books using the self-balancing AVL Tree.
- Implemented efficient book search, insertion, and deletion operations to ensure optimal performance.

Astronomy Pictures, *React*   December 2024
- Built a React-based website that integrates NASA's API to display astronomy pictures.
- Provided users with detailed background information on each image for educational purposes.

Southern Miss Games, *React*   December 2024
- Developed a React website that displays upcoming University of Southern Mississippi sports events.

ADDITIONAL INFORMATION

Languages: C#, C++, C, Python, HTML, CSS, Kotlin, JavaScript

Technologies: ReactJS, MySQL, .NET MAUI, Git
Certifications: IBM Web Fundamentals, CodePath Intermediate Web Development

Interests: Video Games (FC25, Football Manager), Novels (Nora Roberts, Daniele Steel), Exercise, Anime (Attack On Titan, Naruto, Jujutsu Kaisen), Soccer (Chelsea FC, FC Barcelona)