Tomisin Salu

salutomisin@gmail.com | linkedin.com/in/tomisin-salu-173327210 | https://tomisinsalu.com/

EDUCATION

Penn State University   University Park, PA
BS in Computer Science, Minor in Entrepreneurship & Innovation   *December 2024*

EXPERIENCE

Incoming Software Engineer Intern   June 2024 – August 2024
Capital One   *Dallas, Tx*

Advanced AI Trainer   December 2023 – Present
Remottasks   *Remote*
- Evaluated over 1000 AI-generated code snippets, assessing accuracy and efficiency, and provided detailed summaries to guide improvements in AI coding capabilities.
- Solved complex coding challenges by writing functional and efficient solutions, directly enhancing the AI's learning process and advancing its coding proficiency.
- Wrote robust test cases to confirm code works efficiently and effectively.

Software Engineer Intern   May 2023 - August 2023
Amazon   *New York, NY*
- Developed a network traffic analysis tool for Amazon, capable of processing trillions of data points to generate vital metrics and interpretations. These insights play a crucial role in scaling, budgeting, trend identification, and security risk assessment.
- Designed an intuitive user interface to visualize the generated insights, facilitating informed decision-making processes within Amazon.
- Proficient in Networks, Python, Typescript, SQL, and a range of AWS products, including Athena, S3, QuickSight, Lambda, EMR, Sagemaker, and more.

Full-Stack Software Engineer Intern   May 2022 - August 2022
Skydeck Solutions   *Toronto, ON*
- Developed the first version of a startup mobile app using JavaScript and React as a Web Progressive App.
- Utilized cloud database Firebase to write and request data on 10,000+ users.
- Drove collaboration with development team of 15 people.

PROJECTS

64-Bit Dynamic Memory Allocator | *C*
- Developed dynamic memory allocator using explicit doubly linked list to simulate the function of the Heap.
- Implemented various functions such as mm-malloc to allocate memory to free storage blocks and mm-free to free up and coalesce unused storage space to optimize memory.

Zoom Auto-Login Program | *Python*
- Utilized Python automation to login to and record all scheduled Zoom meetings automatically.
- Resulted in 100% perfect attendance in all my online courses.

LEADERSHIP

National Society of Black Engineers (NSBE) | *Member*   August 2022 - Present
- Attended NSBE's Annual Convention where I connected with dozens of professionals within the tech space.
- Participated in career seminars presented by industry leaders such as Microsoft, Google, and IBM.

National Society of Leadership & Success (NSLS) | *Secretary*   August 2021 - Present
- Participated in seminars led by celebrities and best-selling authors on topics such as leadership and time management.
- Success Networking Teams: Participated in peer-based leadership development teams, experience in setting and achieving goals, receiving coaching, coaching others, and holding others accountable to commitments.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, Verilog, MIPS, HTML/CSS, SQL
Frameworks: React, NextJS, Node.js, JUnit, WordPress, Firebase, MongoDB, Express