Rahim Lansana Sillah

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Education

Towson University **Expected 2025 – 2027**
Master of Science in Computer Science *Towson, MD*

Towson University **2024 – 2026**
Bachelor of Science in Computer Science, GPA: 3.34 *Towson, MD*

Anne Arundel Community College **2022 – 2024**
Associate of Science in Computer Science, GPA: 3.86 (Honors) *Arnold, MD*

Experience

Software Engineering Intern **June 2026 – August 2026**
Northrop Grumman
- Contributed to the development and verification of a Software Processing Delay model in C++ and Python, improving the simulation's ability to represent realistic system latency on real hardware.
- Helped develop a Python verification test manager using K-S testing, histograms, and empirical CDFs to compare simulated delay distributions against expected results.
- Collaborated within an Agile software development team using Jira, Confluence, and Bitbucket while navigating a large codebase, participating in Scrum activities, and maintaining technical documentation.

Software Development Intern **January 2026 – May 2026**
AmaraTech IT Solutions
- Conducted end-to-end testing of a Learning Management System (LMS) by reviewing the complete user journey and documenting each feature to create a clear onboarding guide for new users.
- Improved LMS quality and stability by identifying, tracking, and troubleshooting bugs with the development team to support a smooth launch and reliable post-launch performance.

Web Development Intern **January 2025 – November 2025**
Krysalis Global Solutions
- Designed and developed custom websites and business applications using modern web technologies to meet client requirements.
- Built automated web scraping workflows to collect, process, and organize data for business intelligence and market research.

Peer Tutor **April 2024 – May 2025**
Anne Arundel Community College
- Tutored college students in Computer Science, Calculus, and Precalculus, simplifying complex concepts and improving students' understanding through personalized instruction.

GenCyber Camp Teacher Assistant **June – July 2024 & June – July 2025**
Anne Arundel Community College
- Guided students in projects involving web development, mobile application development, password security, steganography, and digital image geotagging.
- Supported classroom instruction by mentoring students, troubleshooting technical issues, and encouraging collaborative learning.

Involvements, Projects, and Certifications

Association of Computing Machinery (ACM) – Member Since December 2024
Cyber Defense Club – Secretary September 2023 – June 2024
Student Government Association – Senator September 2023 – June 2024
National Cyber League (NCL) – Competitor March 2024 – April 2024
Phi Theta Kappa Honor Society – Member Since February 2023

Skills

Programming Languages: Python, Java, C, C++, Dart, JavaScript, TypeScript, SQL, Swift
Frameworks & Libraries: React, React Native, Flutter, Node.js, Express.js, PyTorch
Databases: PostgreSQL, Firebase Firestore, MySQL
Core Skills: Full-Stack Development, Mobile App Development, UI/UX Design, Agile Development, API Development, Database Design, Data Structures & Algorithms, AI Application Development, Statistical Testing, Technical Documentation
Soft Skills: Communication, Problem-Solving, Time Management, Teamwork, Critical Thinking, Leadership, Attention to Detail, Entrepreneurship, Agile/Scrum
Languages: Arabic, Wolof, English