

Jada Long

202-341-9159 | jl.aaliyah1@gmail.com | [linkedin.com/in/jada](https://www.linkedin.com/in/jada)

EDUCATION

Bowie State University

Bachelor of Science in Computer Technology - Network Enterprise Infrastructure

Bowie, MD

Aug. 2022 – May 2026

EXPERIENCE

Xtreme Team Research Program

June 2023 – Aug. 2024

Bowie State University

Bowie, MD

- Guided and mentored students in learning the intricacies of Arduino programming, Java programming, C programming and utilization
- Effectively imparted knowledge, enabling them to acquire valuable hands-on experience and grasp essential foundational concepts in electronics and micro controller systems
- Designed and implemented custom electronic circuits to complement Arduino-based projects, showcasing proficiency in hardware prototyping and integration.

Deloitte Consulting Programming Apprentice

July 2023 – Aug. 2023

Bowie State University

Bowie, MD

- Gained proficiency in SQL (Structured Query Language), leading to the creation and management of databases, views, and tables. Efficiently processed, stored, and organized vast amounts of data, ensuring the integrity and reliability of information
- Leveraged Python to import and manipulate data. Worked with web data, extracting and structuring information from a myriad of online sources. Collaborated cross-functionally to integrate Python scripts with SQL, achieving significant time savings in recurrent data-related tasks
- Engaged in continuous learning, keeping abreast of industry trends and advancements, particularly in the realm of artificial intelligence (AI)

Battle of The Brains Hackathon

Mar. 2024

Home Depot

Austin, TX

- Participated in a 24-hour hackathon competition hosted by the NFL, tasked with enhancing fan engagement and revenue generation using innovative ideas through the NFL app
- Collaborated with team members to create a comprehensive business plan, market analysis and revenue projections, and a compelling presentation to pitch our solution effectively to NFL representatives

PROJECTS

Dual Boot Configuration | *Windows 10, Ubuntu*

Nov. 2023-2024

- Successfully configured and implemented a dual boot system with Windows 10 and Ubuntu operating systems
- Executed disk partitioning to allocate appropriate space for each operating system, ensuring optimal performance
- Demonstrated proficiency in system installation and configuration and Troubleshoot compatibility issues, ensuring smooth functionality

Battleship Program | *Java*

- Developed an interactive Battleship game in Java, simulating the classic strategy board game
- Implemented key features such as a small grid, ship placement, turn-based gameplay, and hit/miss logic
- Applied loops, conditionals, and arrays to efficiently manage game state and user input

John The Ripper Program | *Java*

- Utilized John the Ripper in Kali Linux for password cracking and hash decryption, leveraging wordlists and incremental mode for brute-force attacks
- Decrypted various hash formats (e.g., SHA-1, MD5) using customized attack strategies and optimized wordlists (such as rockyou.txt)

TECHNICAL SKILLS

Languages: Java, Python, SQL and HTML/CSS, JavaScript

Developer Tools: Git, IntelliJ, Visual Studio, PyCharm, IntelliJ

Libraries: pandas, NumPy, Matplotlib