

Daniel Ahmed

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EDUCATION

Rutgers University

New Brunswick, NJ

Bachelor of Arts in Computer Science, Minor in Mathematics

Jan. 2024 – May 2026

- **Relevant Coursework:** Data Structures and Algorithms, Computer Architecture, Calculus III
- Pursuing a solid foundation in computer science, combining theoretical knowledge with practical problem-solving skills.

Bergen Community College

Paramus, NJ

Associate's in Natural Sciences and Mathematics

Jan. 2022 – Dec 2023

- **Relevant Coursework:** Fundamentals of Programming, Advanced Programming Concepts, Calculus I, Calculus II, Linear Algebra, Physics
- Graduated with a focus on computational methods and mathematical principles.

EXPERIENCE

United States Air Force

March 2021 – Present

514th Maintenance Squadron

JBMDL, NJ

- Traditional Reservist assigned to the 514th Air Mobility Wing as a Hydraulic Systems Specialist for the Boeing C-17, contributing to national defense efforts.
- Maintain, inspect, and repair various critical components of the aircraft, ensuring operational safety and efficiency.
- Served as a hydraulics liaison during an overseas assignment.

I.T. Support Specialist

Nov. 2022 – Present

Young Muslims

Paramus, NJ

- Collaborate with organizational management to set up and maintain computers, ensuring all technological resources operate seamlessly.
- Diagnose and resolve technical issues encountered by faculty and staff, providing timely and effective solutions.

Systems Configuration

June 2024 – July 2024

Millennium Consulting

Livingston, NJ

- Oversaw the seamless transfer of corporate I.T. systems between different office locations, minimizing operational downtime.

PROJECTS

Forensic Analysis | *Java*

Jul 2024 – Aug 2024

- Developed a Java-based application to compare DNA sequences and identify matches, with an emphasis on efficiency and accuracy.
- Implemented BSTs to store and organize DNA sequences, enabling rapid searching and matching of genetic data.
- Utilized traversal algorithms to identify exact or partial DNA matches, demonstrating the practical application of data structures in forensic investigations.

To-Do List Application | *Java, Java Swing, Git*

Aug 2024

- Developed a user-friendly To-Do List application using Java Swing, showcasing proficiency in object-oriented programming and GUI design.
- Implemented features such as task creation, editing, deletion, and completion marking, allowing users to manage tasks effectively.
- Introduced task categorization by priority and deadline, enhancing the application's organizational capabilities and user productivity.

Personal Website | *HTML, CSS, Git*

Jul 2024

- Designed and developed a responsive website using HTML and CSS, focusing on user experience and mobile compatibility.
- Implemented an intuitive navigation system and optimized the layout to ensure accessibility and engagement across different devices.
- Quickly identified and resolved design and layout challenges, ensuring a smooth user interface and seamless interaction.

TECHNICAL SKILLS

Languages: Java, C++, HTML/CSS

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio