

# Daniel Ahmed

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## EDUCATION

### Rutgers University

*Bachelor of Arts in Computer Science, Minor in Mathematics*

New Brunswick, NJ

Jan. 2024 – May 2026

### Bergen Community College

*Associate's in Natural Sciences and Mathematics*

Paramus, NJ

Jan. 2022 – Dec 2023

## EXPERIENCE

### United States Air Force

*514th Maintenance Squadron*

March 2021 – Present

JBMDL, NJ

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

### I.T. Support Specialist

*Young Muslims*

Nov. 2022 – Present

Paramus, NJ

- Collaborate with management to set up and maintain campus computers.
- Diagnose and resolve technical issues encountered by students, faculty, and staff.
- Ensure the functionality and upkeep of computers, classroom equipment, and over 200 printers across the campus.

### I.T. Systems Configuration Consultant

*Millenium Consulting*

June 2024 – July 2024

Livingston, NJ

- Oversaw the transfer of corporate I.T. systems between different office locations.
- Configured and set up various operating systems and related technologies.

## PROJECTS

### Forensic Analysis | Java

Jul 2024 – Aug 2024

- Conducted a forensic analysis project focused on matching DNA sequences using binary search trees (BSTs).
- Developed a Java-based application that efficiently compared DNA sequences to identify matches, simulating a real-world forensic investigation scenario.
- Implemented BSTs to store and organize DNA sequences, enabling rapid searching and matching of genetic data.
- Utilized algorithms to traverse the BST and identify exact or partial matches, critical for forensic analysis.

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

Aug 2024

- Developed a robust To-Do List application using Java Swing, demonstrating proficiency in object-oriented programming and graphical user interface design.
- The application allows users to efficiently manage tasks, offering features such as task creation, editing, deletion, and marking tasks as complete.
- Implemented categorization of tasks by priority and deadline, enhancing organizational capabilities.

### Personal Website | HTML, CSS, Git

Jul 2024

- Designed and developed a responsive and visually appealing website using HTML and CSS.
- Implemented intuitive navigation and optimized layout to enhance user engagement and accessibility across various devices and browsers.
- Quickly identified and resolved design and layout challenges, ensuring a seamless and functional user interface.

## TECHNICAL SKILLS

**Languages:** Java, C++, HTML/CSS

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