

D'Andre Johnson

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EDUCATION

EAST STROUDSBURG

UNIVERSITY, EAST STROUDSBURG, PA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

BACHELOR OF SCIENCE IN CYBER SECURITY

May 2026

COURSEWORK

Data Structures and Algorithms

Computer Organization

Computer Architecture

Networks and Data Communications

Database Design

Operating Systems

Ethics in Computer Science

Intro to Programming II

Intro to Cybersecurity

SKILLS

Pattern Recognition

Data Structures | C, C#, C++

Python | SQL | Assembly | CSS

HTML | Bash | Visual Studio | Concurrency

Problem Solving | Data Analysis

Data Communications | Visual Studio

Nmap | Linux | TC3 | Aviation Operations

EXPERIENCE

UNDER ARMOUR TANNERSVILLE - Sales

October 2020 – Present

Tannersville, Pennsylvania

- Help facilitate cash and card transactions between consumers and corporation
- Teamwork between varying degrees of responsibility levels

Army National Guard - Aviation Operations (15P)

March 2019 – November 2023

Ft Indiantown Gap, Pennsylvania

- Usage of physical and digital controls to safely monitor flights, issue pilot gear, and efficiently deal with emergencies
- Basic Leadership Course completion

CHERRY VALLEY NATIONAL WILDLIFE REFUGE

September 2024 – December 2024

East Stroudsburg, Pennsylvania

Direct Service Learning Level 2

- Developed conceptual events page to handle posting of new events on a calendar
- Developed conceptual landing page to guide users with a smooth experience

COURSEWORK PROJECTS

Multithreaded Program

October 2024

- Created a program that partitions a file into 8, 32, 64, and 128 sections using POSIX threads and compared completion times for the thread to complete the program for each section

Simple Web Database

April 2025

- Using POSIX semaphores and threads to create a client server program in C that can handle multiple clients concurrently locking key file management functionalities to prevent race conditions.
- The project simulates a simple inventory management system that allows the client to buy stock and updates files in response

Mechanic Shop Database

May 2025

- Ran on docker and set up a MSSQLServer instance for backend
- C# .NET project on Visual Studio for frontend
- Simulates an employee portal where customers, cars, mechanics, and services can be added
- Customers can be associated with their cars and mechanics can be associated with services
- Appointments can be made where a customer and one of their cars along with multiple services that can be chosen at the same time from a mechanic that offers said service
- The information center section is used with backend SQL created functions to generate data in a data grid view