BRADY BOTTOMS

2615 Halls Mill Rd Dothan, AL 36305, (334)-618-4063, brady_bottoms@yahoo.com

EDUCATION

Slocomb High School

2017-2021 Honors Diploma
- Ranked 5th of 85
- Graduated with 3.7/4.0 GPA

Enterprise State Community College

2021-2023 A.S. in Applied Science

- **Dean's List** (4x) : Students with a GPA of 3.5 or higher for an entire semester.
- Graduated with **a 3.7/4.0 GPA**
- Member of **Phi Theta Kappa Honors Society**

Troy University

2023-Present B.S. in Computer Science (Expected December 2025)

- **Chancellor's List (3x)** : Students with a 4.0 GPA for an entire semester.
- **Provost's List (1x) :** Students with a 3.5 GPA for an entire semester.

RELEVENT COURSEWORK
- Numerical Methods in Computing
- Concepts Of Object-Oriented Programming
- Business Systems Programming
- Data Structures & Algorithms

SKILLS
- **Python (Intermediate)** – Used for data analysis, machine learning models, and data visualization in multiple projects.
- **C++ (Intermediate)** – Applied in algorithms, object-oriented programming, and data structures.
- **Java (Basic)** – Developed simple applications and gained experience through coursework.
- **Tools/Libraries**: Numpy, Pandas, Matplotlib, scikit-learn
- **Soft Skills**: Detail-Oriented, Active Listener, Focused, Open-Minded

PROJECTS

Housing Price Prediction with K-Nearest Neighbors – Python (NumPy, Pandas, scikit-learn)

- Developed a KNN regression model to predict housing prices based on key features.
- Preprocessed and split data into training and testing sets, optimized model performance.

Sorting Algorithms Performance Evaluation – C++

- Implemented and benchmarked multiple sorting algorithms: Insertion Sort, Merge Sort, Quick Sort, and Selection Sort.
- Measured execution time using C++ chrono library to analyze performance.

Shooter Simulation with Queue Management – C++

- Created a queue-based simulation to manage shooters and simulate rounds of shooting.
- Demonstrated object-oriented programming principles with a custom Shooter class.