

Nickolas J. Bartle

linkedin.com/in/nickolasbartle | 919-656-2434 | nickbartle2@gmail.com

EDUCATION

Bachelor of Science in Commerce & Business Administration, December 2024

The University of Alabama, Culverhouse College of Business, Tuscaloosa, AL

Major: Management Information Systems

PROJECT WORK

Full-Stack Local Business Website Project (Postgrad), May 2025

Personal Project, Raleigh, NC

- Built a protected, fully functional website to increase information security, expand existing website functionality, and develop more creative ways to ensure the client remains competitive in the market
- Delivered an online appointment booking system to allow new clients to book more efficiently and save an average of 30 minutes of downtime for the client going through spreadsheets
- Implemented an online review forum and subscription newsletter to show previous work and add new clients into a customer database
- Created a customer database which achieved significant timesaving to the client, reducing the door-to-door marketing by 160 houses, due to an online newsletter and renewal reminder
- Leveraged HTML and Python to construct an online payment system for new bookings which led to an increase of about 3.5 more appointments per week

Python Codebase & SQL Database Project (Capstone Project), December 2024

Senior Project, The University of Alabama, Tuscaloosa, AL

- Leveraged Python, JavaScript, and HTML codebases to update client's front-end functionality with new features
- Redeveloped new SQL databases (and connections) to store and update client's service information
- Modified existing codebase to account for long-term functionality

WORK EXPERIENCE

Information Systems Co-op, August 2023 – September 2024

Mercedes-Benz International, Vance, AL

- Constructed a SQL database to store vehicle torque information, eliminating 30 minutes of employee downtime and provide a centralized location for important data
- Created interactive Power BI models to manipulate plantwide manpower data for managers, resulting in improved team performance on-line and reducing faults per day by 4.6 faults per station
- Developed a custom Python codebase to scrape company scheduling data to generate 3 interactive predictive employee performance models from 2 proposed plant schedule formats

Baseball Data Analyst, September 2022 – February 2023

University of Alabama Athletics, The University of Alabama, Tuscaloosa, AL

- Designed a codebase to manipulate large amounts of data and construct detailed scouting reports off
- Build another codebase to utilize real-time trackman data and generate in-depth key player metric reports
- Reviewed data and corresponding databases at conclusion of games highlighting specific measurements, stats, and mechanics
- Communicated with students and visitors while scheduling meetings and directing calls to appropriate departments

HONORS & ACTIVITIES

Eagle Scout Member

Alabama Baseball Data Analytics Team

University of Alabama Data Analytics Club

AIMS (Alabama Information Management Society)

AOSP (Apex Outreach Community Service Project)

TECHNICAL SKILLS

Languages: Python, C#, R, HTML, JavaScript, CSS

Certifications: Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Access, Think-Cell

Business Tools: Power BI, Word, Excel, Access, VS Code, MRS, IPM, MySQL Workbench, .NET, Trackman Systems