

# Nickolas J. Bartle

Aspiring Technology Consultant

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## EDUCATION

Candidate for **Bachelor of Science in Commerce & Business Administration**, The University of Alabama

**Graduation Date:** December 2024

**GPA:** 3.2

**Major:** Management Information Systems

## TECHNICAL EXPERIENCE

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

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

**Operating Environments:** MS Windows, MacOS

**Business Tools:** PowerBi, Word, PowerPoint, Excel, Access, Power Bi, GitHub, Visual Studio Code, MRS, IPM, MySQL Workbench, .NET, Trackman Systems

## PROJECTS

**SQL Database & Python Codebase Capstone Project**, OTIDE, Tuscaloosa, AL

*Aug 2024 – Dec 2024*

Played a software developer role in project with OTIDE Learning platforms. Key roles in the project included:

- Developing new Python and HTML code for updated front-end website functionality
- Mapping out and redeveloping SQL database
- Constructing new tables and connections within database to expand full potential of client website
- Eliminating bugs and errors inside current codebase
- Updating codebase from short-term functionality to long-term functionality

## EXPERIENCE

*Aug 2023 – Aug 2024*

**Management Information Systems Co-Op**, Mercedes-Benz, Vance, AL

*Goal:* Evaluated 3 plant team performances and constructed programs to enhance key shop metrics and systems. Developed 5 interactive PowerBi models to highlight absenteeism and team member ratios to construct more efficient work stations.

*Value:* Coded original Python programs to assist improve key performance indicators on vehicles on line. Observed data trends to predict future expected outcomes of fault locations. Wrote original DAX code to manipulate multiple data sources to highlight areas in need of more team members in the plant.

*My Contribution:*

- Created PowerBi data models to represent plant team performance on line
- Constructed data figures of fault locations and occurrences to develop conclusions of 3 plant team performances
- Built additional PowerBi models to identify areas in need of more team members or team leaders.
- Modified existing production forms to obtain more information, and model data

*Sep 2022 – Feb 2023*

**Data Analyst Intern**, University of Alabama, Tuscaloosa, AL

*Goal:* Recognized patterns in baseball metrics to tag baseball games and improve player potential.

*Value:* Analyzed key elements in ballplayers' games to enhance best performance. Tagged baseball games accurately to ensure studied data is accurate and usable.

*My Contribution:*

- Marked tagged designated bullpen sessions, live at-bats, scrimmages, and games
- Reviewed data and corresponding databases at conclusion of games highlighting specific measurements, stats, and mechanics
- Calibrated and set up the Trackman unit in assigned bullpen sessions each day

## HONORS AND ACTIVITIES

Eagle Scout Member

Phi Sigma Kappa Fraternity

UA Data Analytics Club

AIMS (Alabama Information Management Society)

Alabama Baseball Data Analytics Team

Apex Outreach Community Service Project

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