

Brandon Jordan

brandon.jordan14@outlook.com | (706)–881- 5413 | LinkedIn: [brandon-jordan-](#) | GitHub: [bjordan171](#) | <https://brandonj171.github.io/portfolio/>

EDUCATION

Troy University

Troy, Alabama

B.A.S Resource and Technology Management

Expected Graduation, May 2025

- **Concentrations:** Computer Science
- **Minor:** Computer Science
- **Certifications:** Certified Associate in Project Management (CAPM)
- **Related Coursework:** Data Structures & Algorithms, Operating Systems, Industrial/Organizational Psychology, Software Engineering, Machine Learning, Object-Oriented Programming, Principles of Management, Introduction to Database Systems, Web Application Development, Employment Law, Organizational Behavior

EXPERIENCE & PROJECTS

OpenQQuantify

AI Application Intern

May 2024– July 2024

- Integrated OpenAI APIs to assist with natural language to SQL translation, gaining experience in production-grade API workflows

Phoenix Cleaning Solutions – Inventory Management Dashboard Application

Personal Project

- Developed a complete full stack inventory management dashboard application featuring a Next.js frontend and a Node.js backend to manage products, inventory, users, and expenses
- Engineered a responsive and interactive front end using Next.js, Redux Toolkit for state management, Tailwind CSS for styling, Material UI Data Grid for tables, and Recharts for data visualization, including light and dark mode functionality
- Constructed a robust backend with Node.js and Express.js, utilizing Prisma ORM for seamless interaction with a PostgreSQL database, emphasizing scalability and separation of concerns between frontend and backend
- Deployed application on AWS, leveraging services such as EC2 for backend hosting, RDS for PostgreSQL database management, Amplify for Next.js frontend deployment, and S3 for image storage, demonstrating practical experience with cloud deployment strategies
- Implemented key features including product search and creation, expense tracking with filtering, user management, and a comprehensive dashboard with widgets and data summaries, showcasing the ability to build functional and user-friendly business applications

Stock Sentiment Analyzer

Personal Project

- Developed a full-stack web application to analyze real-time market sentiment for any stock ticker using NPL with Hugging Face's DistilBERT transformer model
- Built a Flask backend that integrates Finviz and Yahoo Finance data sources to fetch headlines and compute sentiment scores
- Engineered a clean and responsive frontend using HTML, Bootstrap, and JavaScript to visualize sentiment results and headline-level scores
- Designed RESTful API endpoints for seamless communication between the frontend and ML-powered backend

LEADERSHIP EXPERIENCE

Troy University Student Governing Association

Troy, Alabama

Vice Chairman of Greek Housing & Campus Safety Committee

Aug 2021 – Aug 2023

FarmHouse Fraternity

Troy, Alabama

Vice President

Aug 2022 – Aug 2023

- Organized two FarmHouse Fraternity donation drives ranked in the top 20 of FarmHouse Fraternity chapters
- Chosen as one of only 50 members across all FarmHouse Fraternity chapters to attend annual Leadership Retreat

SKILLS

Programming: Java, C#, SQL, HTML5, CSS, JavaScript, Python, C++, Next.js, React, Tailwind CSS, Node.js, Express.js, Prisma, PostgreSQL, Typescript, ASP.NET Core

Tools: Jupyter Notebooks, Git, MySQL, Pandas, VS Code, NumPy, Matplotlib & Seaborn, Scikit-learn, AWS EC2, AWS RDS, AWS Amplify, AWS S3, SDLC, Database Design, Cloud Deployment, RESTful APIs, PyTorch, TensorFlow