

Adam Troup

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EDUCATION

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

Graduation Date: May 2025

GPA: 3.5/4.0

Major: Management Information Systems

EXPERIENCE

May 2025 –

September 2025

ASP.NET Programmer, *BioHorizons, Hoover, AL*

Goal: To develop software solutions that improve system efficiency and simplify daily operations for BioHorizons employees.

Value: Deliver scalable, user-friendly, and bulletproof applications that coincide with various business workflows.

My Contribution:

- Developed on a small team using ASP.NET MVC to create integrated full-stack web solutions using an agile methodology
- Communicated with cross-departmental teams to gather requirements and create solutions that automate and ease their workflows
- Created both internal and client-facing software systems to streamline business operations and enhance customer experience

January 2025 –

May 2025

Full Stack Developer, *UA Capstone Program, Tuscaloosa, AL*

Goal: Build an Augmentative and Alternative Communication (AAC) application to assist non-verbal autistic individuals with communicating effectively.

Value: Improve the speed and ease of communication for non-verbal people at an affordable price point with a practical solution.

My Contribution:

- Lead developer of a mobile application that integrates TypeScript, React Native, and Expo to provide end users with an affordable and failsafe communication solution
- Interfaced with the client while following an agile methodology to provide iterative deliverables and manage requirements/scope on a recurring sprint cycle
- Developed and executed unit tests for frontend and backend logic to ensure data security, increase application uptime, and greatly improve system reliability

May 2019 –

December 2024

Kitchen Staff, *Champy's Chicken, Madison, AL*

Goal: To provide quality meals to the residents by prioritizing professionalism, cleanliness, and good relationships with coworkers and management.

Value: Maintained and expanded the customer base by consistently delivering a great product, providing excellent customer service, and paying attention to detail.

My Contribution:

- Supported the company for 5 years through working full time during academic breaks.
- Remained punctual and dependable throughout all my years of service.
- Thrived in a fast-paced environment by balancing my work ethic and stress level.

TECHNICAL EXPERIENCE

Languages: Go, C#, HTML, CSS, JavaScript / TypeScript, Python, SQL, PostgreSQL

Frameworks/Libraries: React, Django, TensorFlow, mediaPipe, cv2, ASP.NET MVC, Gin, React Native

Operating Environments: MS Windows, UNIX Subsystem

Business Tools: Visual Studio, Git, MS Office, Trello

HONORS AND ACTIVITIES

Dean's List

Presidential Scholarship

Hudson Alpha Biomedical L.A.B.S. Program

Alabama Alumni Scholarship

AIS Conference Finalist

UA Innovate 1st Place Team Member (2024)

AIS Conference Finalist (2025)

MIS Ambassador

AIMS (Alabama Information Management Society)