David W. Melvin

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EDUCATION	Candidate for **Bachelor of Science in Commerce & Business Administration**

The University of Alabama **Graduation Date:** December 2024
Major: Management Information Systems **GPA:** 3.27/4.0

Fall 2024 **Requirements Lead and Developer, UA MIS Capstone Client Project,** *The University of Alabama*
- Used Azure to develop front-end user interaction with chatbot for Alabama legislative website
- Used Python to construct back-end language model logic
- Communicated with client to share technical details of project progress
- Utilized Jira to track user stories and issue progress

Summer 2024 **Information Technology Applications Intern,** Broan-NuTone, *Hartford, WI*
- Improved HR efficiency by revamping the HR Employee Dashboard in PowerBI, making it easier for HR teams to access and utilize employee data for better decision-making
- Streamlined data management by developing a unified spreadsheet for chart of accounts tracking, consolidating financial data to ensure accuracy and facilitate database storage
- Identified and resolved data inconsistencies by applying advanced data validation techniques, ensuring that customer data across cloud-based platforms, Snowflake, and Profit Isle was accurate and aligned with business objectives
- Designed a robust employee database structure using entity-relationship diagrams, enhancing internal data management and ensuring efficient organization of employee information

Fall 2023 **Project Manager,** Business Programming II, *Tuscaloosa, AL*
- Developed a full-stack web application that tracks farmer's market business and attendee data
- Led a team of four in the process of creating a full-stack application using a hybrid methodology
- Communicated effectively with team and client and served as a liaison between the two parties
- Developed application using C#, JavaScript, CSS, HTML, and SQL
- Ran twice a week stand-up calls with team to determine the status of work and resolve blockers using Jira

Summer 2023
Summer 2022
Summer 2020 **Business Development Intern,** Genesis Marketing Group, Inc., *Hinsdale, IL*
- Enabled high-performing investment managers to focus on mission-critical aspects of research, analysis, and portfolio management
- Developed and implemented comprehensive sales plans for clients, including CRM system research, data transfer, and client data organization
- Created and maintained the company website with seamless user experience and regularly updated content
- Presented CRM software purchase recommendations to the President and vetted prospective managers and clients
- Optimized software and data management processes, including Excel data validation and software calibration for maximum efficiency

TECHNICAL
EXPERIENCE **Languages:** Azure DevOps, Python, C#, JavaScript, CSS, HTML, SQL
Frameworks: .NET 6
Operating Environments: MS Windows, iOS, macOS
Business Tools: Snowflake Data Warehouse, PowerBI, Profit Isle, Microsoft Office Suite, Visual Studio, MySQL, GitHub, eVestment, WordPress, InfoFlo, Mail Merge, Jira

HONORS AND ACTIVITIES	**University of Alabama Honors College**	**Management Consulting Academy**
	UA Merit Scholarship Recipient	**Alabama Information Management Society**
	Illinois State Scholar	