Jessica Weaver

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EDUCATION

Candidate for **Master of Science in Commerce and Business Administration**, The University of Alabama
Candidate for **Bachelor of Science in Commerce and Business Administration**, The University of Alabama
Graduation Date: May 2027   **GPA**: 3.7/4.0
Major: Management Information Systems   **Minor:** Spanish

EXPERIENCE

August 2025 – present

Teaching Assistant: Business Programming I, *University of Alabama MIS Program, Tuscaloosa, AL*
Goal: Provide mentorship to first semester MIS students learning entry-level programming with C#
Value: By creating a mentoring environment, retention and comprehension are elevated for foundational programming principles
My Contribution:
- Mentor 100 students in problem solving, project management, and technical application through personal instruction and assistance
- Lead 30 students in weekly laboratory assignments to ensure understanding of material
- Collaborate with a team to design, analyze, and grade programming assignments

May 2025 – present

Community Chair, *University of Alabama Master's MIS Program, Tuscaloosa, AL*
Goal: Facilitate meaningful opportunities for professional development, community service, and peer engagement among graduate students
Value: By enriching graduate experience, this role fosters stronger student connections and cultivates a culture of service, engagement, and active participation
My Contribution:
- Manage the program's social media presence, driving visibility and contributing to 20 new applications
- Organize and lead volunteer initiatives, increasing student turnout and engagement by 40%
- Coordinate event logistics, including room bookings and administration of university resources

PROJECTS

April 2025

Grand Prize Winner – Pariveda Coding Challenge
Pariveda Solutions and MIS Program Collaboration | University of Alabama
- Designed and developed a full-stack web application for a jazz-themed pizzeria, integrating front-end technologies (HTML, CSS) with business logic tailored to both customer and manager workflows
- Built the logistical backend in .NET to handle menu management, order processing, and reporting features
- Earned top recognition after presenting the project to Pariveda professionals, who praised its functionality, creativity, and technical depth

March 2025

2nd Place – Prototype Innovation, UA Innovate Hackathon
Sponsored by HCA Healthcare | University of Alabama
- Collaborated in a 24-hour hackathon to build a secure and HIPAA-compliant system for processing HL7 medical data
- Developed a Python-based solution using Streamlit for the UI, enabling redaction of PHI and insertion of consistent, fictitious patient data across all records
- Recognized by HCA Healthcare for innovative prototyping, technical execution, and clear data visualization under a tight deadline

TECHNICAL EXPERIENCE

Languages: C#, C, C++, Java, Python, HTML/CSS, JavaScript, SQL
Operating Environments: MS Windows
Business Tools: Visual Studio, MS Office, Eclipse IDE, Cursor, SharePoint

HONORS AND ACTIVITIES

Dean's List (Spring 2024/2025, Fall 2024/2025)	Grace Hopper Celebration Scholar
Alabama Information Management Society	UA Recognition Scholarship
Association for Information Systems	Al's Pals, Mentor
UA Honors College	Women in Technology
Study Abroad: University of Nebrija	Study Abroad: MIS in Europe

VOLUNTEER

Tuscaloosa Metro Animal Shelter	All God's People
The Crossings at North River	New Lenox Public Library
Gifts From the Heart	Letters to Santa