

# Taylor Sharperson

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## EDUCATION

**Florida Agricultural and Mechanical University, Tallahassee, FL** Expected Graduation: May 2026  
Bachelor of Science, Computer Information Systems GPA: 3.70  
**Relevant Coursework:** Data Structures, Database Management, App Development, Computer Security, Data Communications and Networks, Digital Forensics (in progress), Applied Security (in progress)

## TECHNICAL SKILLS

Languages: Python (proficient), C++ (proficient), SQL (proficient), JavaScript (proficient), HTML (intermediate)  
Frameworks & Tools: React, Node.js, AWS (Lambda, Glue, CloudFormation), Git, Jira, Confluence

## EXPERIENCE

### Eli Lilly Data Engineer Intern May - Aug 2025

- Built a modular data pipeline using AWS, Python, and JSON to transfer data to Adobe's personalization platform.
- Integrated Python-based API calls with AWS Lambda to enable reliable and automated data transfers.
- Reduced manual effort by saving ~120 hours per new data ingestion each quarter.
- Delivered a technical presentation and poster session highlighting architecture, implementation, and impact.

### Eli Lilly Data Engineer Intern May - Aug 2024

- Utilized AWS Glue, CloudFormation, GitHub, Jira, and Confluence to improve data processing efficiency and reporting accuracy.
- Automated data quality checks by developing validation scripts, reducing manual effort by 50%.
- Presented project outcomes to senior leadership, demonstrating business impact of automation.

### Amazon Web Services Case Competition Mar 2024

- Proposed a scalable solution for accelerated AV/ADAS development using AWS services.
- Developed strong leadership skills as team captain by communicating updates on project progress, milestones, and tasks with all members.
- Crafted a concise go-to-market strategy emphasizing the integration of AWS services, demonstrating strategic excellence and receiving first place.

## PROJECTS

### Career Website

- Developed a career-focused web application using JavaScript to increase access to internships and job opportunities for FAMU students.
- Built React front-end components and supported Node.js backend logic to deliver core site functionality.
- Participated in sprint planning, code reviews, and debugging to improve performance and navigation.
- Led task coordination and milestone tracking to support on-time team delivery.

## LEADERSHIP

### Management Leadership for Tomorrow Jan 2024 – Present Career Prep Fellow

- Accepted into a selective 18-month professional development program for high-achieving talent.
- Completed business case studies and assignments to grow leadership and technical skills
- Attend conferences hosted by industry leaders such as Deloitte, LinkedIn, and Target.

### Black Data Processing Associates Aug 2023-Present President

- Lead chapter operations, overseeing strategic planning, budgeting, and member engagement.
- Coordinate professional development workshops, tech talks, and networking events for members.
- Manage partnerships with industry professionals and corporate sponsors.