

# Taylor Sharperson

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## EDUCATION

<b>Florida Agricultural and Mechanical University, Tallahassee, FL</b>	Expected Graduation: May 2026
Bachelor of Science, Computer Information Systems	GPA: 3.70
<b>Relevant Coursework:</b> 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

<b>Eli Lilly Data Engineer Intern</b>	May - Aug 2025
<ul style="list-style-type: none"><li>Built a modular data pipeline using AWS, Python, and JSON to transfer data to Adobe's personalization platform.</li><li>Integrated Python-based API calls with AWS Lambda to enable reliable and automated data transfers.</li><li>Reduced manual effort by saving ~120 hours per new data ingestion each quarter.</li><li>Delivered a technical presentation and poster session highlighting architecture, implementation, and impact.</li></ul>	

<b>Eli Lilly Data Engineer Intern</b>	May - Aug 2024
<ul style="list-style-type: none"><li>Utilized AWS Glue, CloudFormation, GitHub, Jira, and Confluence to improve data processing efficiency and reporting accuracy.</li><li>Automated data quality checks by developing validation scripts, reducing manual effort by 50%.</li><li>Presented project outcomes to senior leadership, demonstrating business impact of automation.</li></ul>	

<b>Amazon Web Services Case Competition</b>	Mar 2024
<ul style="list-style-type: none"><li>Proposed a scalable solution for accelerated AV/ADAS development using AWS services.</li><li>Developed strong leadership skills as team captain by communicating updates on project progress, milestones, and tasks with all members.</li><li>Crafted a concise go-to-market strategy emphasizing the integration of AWS services, demonstrating strategic excellence and receiving first place.</li></ul>	

## 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

<b>Management Leadership for Tomorrow</b>	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.

<b>Black Data Processing Associates</b>	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.