

# Jaydyn Favors

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## PROFESSIONAL SUMMARY

Computer Science student at Columbus State University specializing in backend development, REST API integration, and AI-powered web applications. Builder of a deployed financial tool serving 80+ users, recognized with a competitive university research fellowship, and currently paid to expand that platform as a campus-wide resource.

## EDUCATION

### Columbus State University

Bachelor of Science in Computer Science, Track: Software Systems. GPA: 3.67.

Columbus, GA

Expected May 2029

Relevant Coursework: Backend Logic Design, Data Structures, Git Architecture, Cloud Foundational Infrastructure

## SKILLS

**Languages:** Python, Go (Golang), SQL

**Core Competencies:** Backend Architecture, REST API Integration, Automated Workflow Pipelines, Full-Stack Web Deployment, Data Visualization

**Cloud & DevOps:** GitHub Actions (CI/CD), Git, GitHub, Streamlit Cloud, AWS (Cloud Practitioner in progress)

**Frameworks & Libraries:** Google GenAI SDK, Streamlit, Matplotlib

## EXPERIENCE

### AI Prompt & Model Quality Contractor

May 2026 – Present

Handshake

Remote

- Evaluate generative AI model outputs against constraint adherence and reasoning rubrics to support production reliability.
- Conduct prompt stress tests and failure-mode analysis, documenting hallucinations and edge-case behaviors across large-scale response sets.
- Deliver structured quantitative and qualitative evaluation datasets for RLHF pipelines, supporting downstream model alignment.

### AI & Backend Engineer Fellow

September 2026 – Present

Columbus State University

Columbus, GA

- Expanding the Smart AI Budget & Goal Planner as a free financial resource for the CSU community.
- Enhancing backend architecture and AI integration to improve usability and feature depth for a university-wide user base.
- Iteratively testing and refining Google Gemini API prompts and constraint logic to improve output accuracy and personalization.

## PROJECTS

### Smart AI Budget & Goal Planner `ai-budget-goal-planner.streamlit.app`

Python, Streamlit, Google Gemini API

- Awarded the Columbus State University Student Applied Research Fellowship, a competitive, paid award recognizing high-impact software design among hundreds of nominees.
- Architected an interactive financial web application using Python and Streamlit to evaluate user budgets against the 50/30/20 standard and identify target monthly savings.
- Integrated the Google Gemini API to dynamically parse income data, generating customized milestone schedules and predictive savings plans within user-defined constraints, reaching 80+ unique users.
- Deployed on Streamlit Cloud with encrypted environment secrets, eliminating API credential exposure in version control.

### Automated Cloud Scripting Pipeline

Python, GitHub Actions, Linux (Ubuntu)

- Built a CI/CD workflow via GitHub Actions to provision virtual Ubuntu environments on every push, running automated script execution and test passes to eliminate 100% of local hardware dependency.
- Isolated sensitive API credentials and runtime secrets using encrypted repository environment variables, mitigating credential leakage risks across automated deployments.

## ACTIVITIES & LEADERSHIP

### ColorStack

Member

- Member of a national organization dedicated to helping Black and Latino students break into the tech industry through community, resources, and professional development.

## CERTIFICATIONS

- Personal Finance & Financial Literacy Certification (In Progress)