

# Maya Henderson

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## EDUCATION

**Bachelor of Science in Computer Science (B.S.) - Artificial Intelligence Concentration** **Feb 2026**  
Full Sail University, Valedictorian, GPA: 3.97/4.00 *Winter Park, FL*

**Relevant Coursework:** AI Systems, Machine Learning, Natural Language Processing, Deep Learning, Computer Vision

**Associate of Science** **Dec 2022**  
Collin College *McKinney, TX*

## TECHNICAL SKILLS

**Languages:** Python, TypeScript, JavaScript, C++

**Frameworks & Libraries:** FastAPI, Flask, React, Vite

**Machine Learning:** NumPy, SciPy, Scikit-learn, K-Means, NLP pipelines

**Databases & APIs:** PostgreSQL, Supabase, REST APIs, OAuth 2.0

**Tools:** Docker, Git, GitHub, Jupyter

## ACADEMIC EXPERIENCE

**AI Systems Developer (Artificial Intelligence & Machine Learning Coursework)** **Feb 2024 - Feb 2026**  
Full Sail University

- Designed and implemented machine learning pipelines for image classification and NLP using CNNs, transformers, logistic regression, and decision trees in Python (Jupyter).
- Built reusable Python data-processing pipelines with NumPy and SciPy to support model training, evaluation, and visualization in multiple ML environments, optimizing preprocessing through vectorized operations.
- Evaluated model performance using accuracy metrics, confidence scoring, and visualization while tuning the hyperparameters to optimize the predictive accuracy of the models.
- Collaborated with team members on model design, implementation, and evaluation.

**Full-Stack Developer** **Jun 2025 - Jun 2025**

Galendar – AI Group Scheduling Platform | Solo Project, Full Sail University

- Integrated Google OAuth authentication and Google Calendar APIs within a full-stack scheduling platform to securely aggregate multi-user availability across external calendar systems.
- Built a Python backend (Flask) exposing REST APIs for scheduling logic and K-Means clustering (scikit-learn) to identify optimal meeting windows across multiple users.
- Developed the React-based frontend system utilizing TypeScript along with the Vite framework, including modular component-based support for group scheduling.
- Designed PostgreSQL (Supabase) relational schemas for users/groups/many-to-many memberships to support persistent availability queries, delivering a working full-stack prototype within one month as a solo developer.

**Developer** **Sep 2025 - Feb 2026**

JAICE - AI Job Tracking Web Application, Full Sail University

- Implemented OAuth-based integration with Google Gmail APIs to securely ingest and process job-related emails for automated application tracking.
- Implemented a zero-shot NLP email classification pipeline using HuggingFace models, supporting confidence scoring and human-review validation to categorize job-related messages.
- Developed modular React components using reusable hooks and Context API, implementing a custom undo/redo system with stack-based history tracking to maintain predictable UI state.

## VOLUNTEER EXPERIENCE

**FFAR - Furry Friends Animal Rescue** **2017 - Present**

- Provide weekly shelter support, including assisting adopters, maintaining animal care standards, and supporting daily shelter operations.

**Quakecon** **2021 - Present**

- Support large-scale event logistics through physical setup and teardown of convention infrastructure