

# MAYA HENDERSON

Full-Stack Developer – AI & Application Automation

Melissa, TX 75454

214-843-7195

[mayaphenderson35@gmail.com](mailto:mayaphenderson35@gmail.com)

[linkedin.com/in/maya-henderson-38078924b](https://linkedin.com/in/maya-henderson-38078924b)

[mayahportfolio.com](http://mayahportfolio.com)

## PROFILE

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Computer Science graduate specializing in Artificial Intelligence, focused on designing and deploying intelligent, adaptive systems that solve real-world problems. Transitioned from game development into AI-driven application development and automation, combining technical engineering with applied machine learning. Actively advancing capabilities in machine learning, full-stack development, and AI system architecture to deliver scalable, high-impact solutions across software platforms.

## SKILLS

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C++.  
JSX.  
Python.  
CSS.  
Unity.  
GitHub.  
JavaScript.  
Docker.  
Machine Learning.  
Team Collaboration.  
Problem Solving.  
AI Systems.  
Full Stack Development.  
API Integration.

## ACADEMIC EXPERIENCE

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### AI Systems Developer (Academic Projects)

August 2024 - August 2024

Artificial Intelligence & Machine Learning Coursework, Full Sail University

- Constructed machine learning models and modular data pipelines across AI domains, including computer vision, NLP, deep learning, and intelligent systems.
- Built data processing workflows using Python, NumPy, SciPy for model training, evaluation, and visualization.
- Designed and implemented ML architectures across supervised, unsupervised, and deep learning paradigms.
- Applied AI theory to practical system design through iterative project development and experimentation.
- Collaborated in academic team environments on system design, modeling, and evaluation tasks.
- Executed independent project work requiring research, technical documentation, and system implementation.

### Full-Stack Developer

June 2025 - June 2025

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

- Designed and built a full-stack group scheduling platform integrating secure authentication and calendar synchronization.
- Implemented Google OAuth and Google Calendar API integration to automatically aggregate multi-user availability data.
- Engineered a machine learning-powered clustering service using K-Means to identify optimal shared time windows across users and groups.
- Developed backend services using FastAPI and Python to process scheduling logic, ML workflows, and API orchestration.
- Built scalable frontend architecture using React, TypeScript, and Vite with performance-optimized component rendering.
- Designed relational data models and persistence layers using PostgreSQL via Supabase.
- Integrated Supabase Authentication and database services for secure user management and session handling.
- Delivered a production-ready prototype in one month as a solo developer, demonstrating rapid execution, system design, and full-stack ownership.

## Developer

September 2025 - September 2025

JAICE - AI Job Tracking Web Application, Full Sail University

- Integrated Google OAuth and Gmail API to securely ingest email data for automated job-application tracking.
- Designed a multi-stage NLP pipeline using zero-shot classification and heuristic validation to categorize job-related emails with confidence scoring and review workflows.
- Built interactive React UI components, including CRUD modals, expandable job cards, contextual status indicators, and a collapsible sidebar aligned with the design system.
- Implemented a custom Undo/Redo system using stack-based history tracking, supporting both single and multi-card actions for improved usability.

## EDUCATION

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### Bachelor of Science in Computer Science (B.S.) - Artificial Intelligence Concentration

February 2026

Full Sail University, Winter Park, FL

- Concentration in Artificial Intelligence with applied focus on machine learning systems, software engineering, and AI application development.
- Completed advanced coursework in Machine Learning, AI Systems, Data Structures and Algorithms, Software Engineering, Database Systems, and Applied Mathematics.
- Developed multiple AI-driven applications, data processing systems, and full-stack software projects as part of degree program.

### Associates of Science

December 2022

Collin College, McKinney, TX

- Completed foundational coursework in computer science, mathematics, and general sciences.

## VOLUNTEERING

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### FFAR - Furry Friends Amino Acid Rescue. 2017 - Present.

- Assist prospective adopters by delivering accurate information on adoption processes, animal care, and shelter procedures.
- Contribute to consistent shelter operations through reliable weekly service and long-term volunteer commitment.
- Provide weekly on-site support at cat shelter, maintaining animal care standards through cage sanitation, feeding routines, and habitat organization.

### Quakecon. 2021 - Present.

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