

Elias Oliphant

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EDUCATION (Current GPA: 3.409)

Bachelor of Science in Computer Science
University of Central Florida

December 2025
Orlando, FL

Associate's in Arts
Valencia College

May 2023
Orlando, FL

PROJECT EXPERIENCE

Firefit Exercise Tracker, Processes for Object-Oriented Design

January 2025 – April 2025

Role: Frontend Lead | **Stack:** React, Flutter, Node.js, Express, MongoDB, GitHub Actions

- Developed a fitness tracking app with a team of six students for web and mobile platforms, supporting customizable workouts and routine saving.
- Designed and implemented the backend using Express.js and MongoDB to manage exercise, workout, and routine data. Utilized version control with Git and GitHub.
- Deployed via GitHub Actions on Digital Ocean; used Gantt charts for project scheduling.
- Led frontend development in React and contributed significantly to the mobile interface using Flutter.
- Wrote unit tests for input validation and UI logic.

Zenmind, Web-Based Information Technology

January 2025 – April 2025

Role: Full-Stack Developer | **Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB

- Collaborated with team members to develop a web-based application designed to enhance users' daily routines and promote mental well-being through personalized stress management tools.
- Designed UI with Tailwind CSS; persisted journal entries and user data with MongoDB.
- Conducted comprehensive frontend testing and implemented unit tests to ensure UI functionality and data flow were reliable and error-free.
- Architected the backend with Node.js and Express.js, creating RESTful APIs to manage users, entries, and daily habits.
- Applied version control best practices with Git and GitHub, managing iterative development and bug tracking.

SoundByte, Senior Design I & II

June 2025 – Nov 2025

Role: Project Manager, Frontend Lead | **Stack:** React.js, Tailwind CSS, Zustand, Firebase, Node.js, MongoDB, Redis

- Proposed and led the development of SoundByte, a web-based music trivia game where users identify songs from short audio snippets across multiple game modes and difficulty levels.
- Served as project manager and frontend lead for a cross-functional team of four, delegating roles and organizing sprints using Jira and version control through GitHub.
- Built and styled the user interface using React.js, Tailwind CSS, Zustand for state management, and Framer Motion for animation effects.
- Designed secure user authentication with Firebase Auth and optimized snippet delivery using Cloudinary CDN.
- Defined the project architecture and backend infrastructure using Node.js, Express, MongoDB, and Redis, hosted via Render and Vercel with automated CI/CD pipelines using GitHub Actions.
- Ensured music licensing compliance with royalty-free libraries.

WORK EXPERIENCE

Martial Arts Instructor (Assistant Instructor)
Championship Martial Arts

July 2023 – Present
Orlando, FL

- Delivered structured classes to 50-65 students of various age groups, focusing on discipline, technique, and personal growth.
- Communicated with students and parents, ensuring clear updates on progress, behavior, and goal setting.
- Ensured compliance with all policy and safety protocols to maintain a respectful and safe learning environment.

SKILLS

- **Skills:** Java, C, TypeScript, JavaScript, HTML, CSS, MongoDB, Express.js, Node.js, React, AWS, Windows, Technical Writing, Android, Linux, Git, GitHub, Digital Ocean, SQL, Redis, Azure DevOps, Tailwind CSS, PHP, CI/CD, Public Speaking, Jira.