Mihir Araveeti

813-895-8470 • mihiraraveeti@gmail.com • linkedin.com/in/mihir-ar/ • github.com/mihirar • mihiraraveeti.com

EDUCATION

University of Central Florida | Orlando, FL   Expected Graduation May 2024
B.S. - Computer Science, College of Engineering and Computer Science   Cumulative GPA: 3.48
Coursework: Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Systems Software, Discrete Structures, Prompt Engineering, Security in Computing, Processes of Object-Oriented Software

SKILLS & TECHNICAL TOOLS

Languages: Python, C, Java, JavaScript, React Native, R, SQL/MySQL, HTML/CSS
Technologies: Firebase, Git, Postman, Jira, Bitbucket, Confluence, Vector Databases, Embeddings, Semantic Search
Certifications: AWS Certified Cloud Practitioner, Generative AI with Large Language Models - DeepLearning.AI

EXPERIENCE

Data Science Intern & Team Lead | AI Camp   *Sep 2023 - Nov 2023*
- Leading a team of 6 to develop an AI web application that generates personalized learning modules, questions, and curriculum on any subject to improve student educational outcomes

Wealth Platform Developer Intern | SEI   *Jun 2023 - Aug 2023*
- Implementing Java APIs for more efficient data retrieval and maintaining browser automation tests for the SEI Wealth Platform using Taiko with JavaScript, enhancing application reliability
- Integrating and utilizing ChatGPT and AI tools to substantially improve content creation efficiency, leading to rapid generation of high-quality content

PROJECTS

Plantify Mobile | React Native, Firebase, Git
- Developed a React Native mobile app with a user-friendly interface for plant identification using Plant.id API's computer vision technology and Firebase for secure data storage and authentication
- Utilized Git/GitHub and agile methodologies to implement real-time image recognition, enabling user-managed plant databases with comprehensive CRUD operations

ACEE (Artificial Cognitive Entity for Enterprises) | Python, Typescript, SingleStoreDB, Google Cloud Embeddings & Vision API
- Developed an AI-powered chatbot that consolidates data from Jira, Confluence, Google Drive, and more into a unified, searchable repository and provides a conversational interface for employees to access consolidated company information
- Utilized Vertex AI embedding model and Google Cloud Vision API to caption images and use captions as reference points for image embeddings
- Leveraged SingleStoreDB as the vector database for efficient storage and retrieval of embeddings
- Developed the front-end website with Next.js & Typescript, enabling an intuitive user interface
- Connects with existing enterprise tech stack to unify data and enable cross-functional collaboration

LEADERSHIP

President | Delta Epsilon Psi Fraternity Inc, Lambda Chapter   *May 2023 - Present*
- Spearheading strategic planning and execution of chapter initiatives to foster leadership development, philanthropic goals, and community service