Mihir Araveeti

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EDUCATION

University of Central Florida | Orlando, FL   Expected Graduation June 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, Microsoft Office, Jira, Matplotlib, Bitbucket, LangChain, Confluence

EXPERIENCE

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

PDF AI | *Python, LangChain, OpenAI, Facebook AI Similarity Search*
- Developed a Python application utilizing an AI/ML pipeline to comprehensively process PDF content and delivers contextually accurate answers to user inquiries, showcasing a seamless blend of data processing and artificial intelligence techniques
- Incorporated Langchain for handling large language models, OpenAI's GPT 3.5 Turbo for text interpretation, Facebook's FAISS for semantic similarity detection, and Streamlit for GUI implementation to split PDF text, create semantic vector representations, and formulate accurate answers

CERTIFICATIONS

AWS Certified Cloud Practitioner | Amazon Web Services
- Acquired foundational knowledge of AWS cloud architecture, services, and implementation, focusing on core principles of cloud computing and security measures to optimize infrastructure management

Generative AI with Large Language Models | DeepLearning.AI & Amazon Web Services
- Gained expertise in fine-tuning LLMs, understanding the generative AI lifecycle, prompt engineering, and transformer architecture to optimize model performance and application deployment

LEADERSHIP

President | *Delta Epsilon Psi Fraternity Inc, Lambda Chapter*   *May 2023 - Present*
- Presiding over both Executive and general fraternity meetings, serving as the official representative and spokesperson for the chapter
- Assisting with financial management, including the disbursement and reimbursement of funds for programs and projects, and overseeing all transactions