Mihir Araveeti

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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, Jupyter Notebook, Microsoft Office, Jira, Matplotlib, pandas, scikit-learn, LangChain

EXPERIENCE

Wealth Platform Developer Intern | SEI   *Jun 2023 - Aug 2023*
- Participating in a 10-week internship on an agile delivery team, assisting in platform development and wealth management solutions
- Engaging in multiple professional growth opportunities including seminars and case-study competitions; while presenting findings to SEI's executive board

Java Developer Intern | BioKemp   *May 2022 - Aug 2022*
- Interned at a biotechnology startup, where I applied my technical skills to design, develop, and implement a comprehensive order management system using Java and an MVC framework
- Utilized APIs effectively to integrate and enhance the functionality of the order management system, contributing to improved operational efficiency within the organization

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

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
- Upholding efficient operations of Delta Epsilon Psi, and instilling high moral and ethical standards within fraternity membership in line with National Council, University, and societal standards