Leonardo Pariano

✉ leonardo.pariano@outlook.com 📞 941-416-0093 📍 Orlando, FL - Open to Relocation

🔗 https://leopariano.com/ 💼 linkedin.com/in/leopariano 🔘 github.com/LeoPepperoni

EDUCATION

Bachelors of Science in Computer Science,   Graduating Fall 2024
University of Central Florida, Orlando, FL
Relevant Coursework:

- Data Structures and Algorithms, Object Oriented Programming, Intro to Full Stack Development, Web Development, Systems Software, Matrix and Linear Algebra, AI for Game Programming.

PROFESSIONAL EXPERIENCE

Software Engineer Intern, *Rekndle, https://rekndle.com/*   01/2024 – Present

- Spearheaded the development of RESTful Shopify APIs using command line tools, optimizing inventory management and elevating product listings to ensure a seamless shopping experience for customers.
- Created custom command line scripts tailored to efficiently aggregate inventory data from diverse suppliers, empowering the platform with meticulous product curation capabilities, resulting in heightened user satisfaction and increased sales potential.
- Applied industry best practices in continuous integration and continuous deployment (CI/CD), orchestrating automated workflows to meticulously filter and publish inventory items, ensuring precision and timeliness in product updates, and maintaining the platform's competitive edge.

Artifical Intelligence Research, *Cornell University, AI Smart Cane*   Summer 2023

- Designed and implemented an assistive device for the visually impaired utilizing Robot Operating System (ROS) and Python, optimized for Linux environments, to enhance mobility and navigation capabilities, empowering users with improved independence and safety in their daily routines.
- Enhanced obstacle detection and avoidance system, integrating haptic and audio cues for intuitive feedback.
- Employed the A* pathfinding algorithm to optimize navigation in dynamic environments, ensuring robust obstacle avoidance and seamless navigation for improved user safety and convenience.

PROJECTS

ASL Translator, *Python, OpenCV, TensorFlow, MediaPipe*

- Engineered a real-time translator leveraging to bridge communication barriers, seamlessly converting American Sign Language (ASL) gestures into text, facilitating enhanced accessibility for the hearing impaired community.
- Integrated TensorFlow's machine learning capabilities to enhance the translator's accuracy and adaptability, enabling continual learning and refinement of the translation model based on user interactions and feedback.
- Employed advanced language models to bridge the semantic gap between American Sign Language (ASL) signs and complete English sentences, enabling the seamless translation of ASL gestures into contextually accurate and grammatically correct textual representations.

AI Travel Agency, *Python, CrewAI, Poetry, OpenAPI, Serper*

- Designed and implemented a custom AI system to automate the creation of detailed travel itineraries.
- Created a robust framework using CrewAI to integrate multiple agents and tasks, ensuring seamless coordination and execution.
- Integrated internet search and calculation tools to enhance the agents' capabilities and provide real-time, accurate information.

SKILLS

Programming Languages	Development Tools
C, Java, Python, JavaScript, C++, C#	Git/GitHub, Node, Express, React, Windows, macOS, Linux