Leonardo Pariano

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EDUCATION

Masters of Science in Software Engineering,   2025 – present
Kennesaw State University

Bachelors of Science in Computer Science,   2020 – 2024
University of Central Florida

WORK EXPERIENCE

Software Engineer Intern, *Rekndle*   01/2024 – 12/2024
- Led the development of 5 **RESTful APIs**, optimizing inventory management and elevating over **500** product listings for a seamless shopping experience.
- Developed **Python scripts** to aggregate inventory data from diverse suppliers.
- Implemented **CI/CD** best practices, automating workflows to filter and publish **2,000**+ inventory items.

Artificial Intelligence Research, *Cornell University*   06/2023 – 08/2023
- Designed and implemented an assistive device for the visually impaired using **Robot Operating System** (ROS) and **Python** on **Linux**.
- Improved obstacle detection with integrated haptic and audio feedback for intuitive navigation.
- Applied the **A* pathfinding algorithm** to optimize navigation in dynamic environments, ensuring robust obstacle avoidance and user safety.

PROJECTS

American Sign Language Translator, *Python, OpenCV, TensorFlow, MediaPipe*
- Engineered a real-time translator converting **500+ ASL gestures into text.**
- Integrated **TensorFlow** to enhance translator accuracy, achieving **99% accuracy**.
- Applied **LLM's** to convert translated words into contextually accurate and grammatically correct English sentences.

AI Help Desk Agent, *Python, OpenAPI, AWS*
- Leveraged **NLP** and **retrieval-based AI** to provide automated support and reduce human intervention.
- Achieved an **80% accuracy rate** in answering customer inquiries, enhancing self-service capabilities and minimizing support ticket volume.
- Enabled over **200** clients to receive instant assistance outside normal business hours, improving customer satisfaction while reducing operational costs.

AI Travel Planner, *Python, Crew AI, Google Serper, Langchain*
- Designed and launched 3 AI-powered agents focused on local tours, city selection, and travel expertise.
- Integrated real-time **data scraping** using **Google Serper**.
- Implemented **LangChain** to integrate language models, optimizing communication and functionality across specialized AI agents for itinerary creation.

SKILLS

Programming Languages
Python, C, C++, Java, JavaScript, C#, SQL, PowerShell

Development Tools
Git/GitHub/GitLab, Tensorflow, AWS, Node, Express, React, Windows, macOS, Linux, Jira, Agile/Scrum