

Steven Camacho

954-798-8713 | stevenacamachoperez@gmail.com | <https://www.linkedin.com/in/steven-camacho-96a818268/>

EDUCATION

University of Central Florida

Orlando, Florida

Bachelor of Science: Computer Science

Graduation Date: August 2024

GPA: 3.7

AWARDS

Pegasus Gold Scholarship | President's List Recipient | Dean's List Recipient

SKILLS

Technical Skills: Java, C, Python, JavaScript

Tools/environments: MySQL, OpenCV, Google Cloud Platform, Vicon, OpenSim

Machine Learning: PyTorch, TensorFlow, Pandas, NumPy, YOLOv5 (Ultralytics), scikit-learn

Web Development: React, Node.js, Express, Docker

Additional skills: Fluent in English and Spanish

PROJECT EXPERIENCE

Soccer Tracker App

Cooper City, Florida

Full Stack & Machine Learning Integration

August 2024 – November 2024

- Independently designed and developed machine-learning-based tracking application that tracks players and measures team possession.
- Utilized YOLOv5 (Ultralytics) and OpenCV to implement machine-learning based player tracking, real-time data processing.
- Developed backend APIs using Express and Node.js, handling user authentication, unit testing, video processing, cloud storage (Google Cloud Platform), and data management (MySQL).
- Created frontend utilizing React, providing smooth operation and handling, and using Material-UI and React-Dropzone to improve UI.
- Developed and tested a Docker Compose setup to orchestrate three containers for the app's backend, frontend, and database services, enabling efficient replication and deployment.

Upper-Limb Joint Prediction Using IMUs

Orlando, Florida

Project Manager & Machine Learning team member

January 2024 – August 2024

- Led research and implementation of a domain-adaptation PyTorch model for upper-limb movement prediction.
- Developed data loaders and processed datasets using Pandas, NumPy, Vicon, and Opensim for efficient analysis.
- Drove cross-disciplinary collaboration, ensuring close alignment between research, machine learning, and technical teams to meet tight deadlines and achieve successful model implementation.

Pop Out live-chat event planner app

Orlando, Florida

Project Manager & API team member

August 2023 - December 2023

- Led the team in developing a real-time event planner app with web and mobile versions, ensuring timely delivery of features through effective project management using Agile and Scrum principles.
- Designed and maintained API endpoints in JavaScript, enabling seamless integration and consistent functionality across web and mobile platforms.
- Collaborated with frontend and mobile developers to ensure efficient data flow and tested API functionality for high performance and reliability.