Steven Camacho

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WORK EXPERIENCE

HouseMedix (Freelance)   **Remote**

Software Developer, Business Companion   *May 2025 – August 2025*

- Built a full-stack web-application (React, Node.js, Express) that digitized property inspection workflows, reducing 20+ hours of manual data handling per week.
- Integrated Google Sheets API as a datastore, enabling real-time submissions, automatic weekly archiving, and centralized record management for 400+ residential inspections.
- Designed QR-code driven forms to streamline employee inspection reporting, improving accuracy and efficiency across client operations.

REAL Lab, UCF   **Orlando, Florida**

Undergraduate Research Assistant   *February 2024 – December 2024*

- Collected and processed multi-modal biomechanical data for 13 subjects across 200+ upper-limb movement trials.
- Cleaned, validated motion capture datasets in Vicon, using Python (Pandas and Matplotlib) to check movement speed and consistency.
- Processed a 20-subject gait dataset, preparing 8 subjects' data and training another researcher on Vicon workflow, contributing to ongoing dataset publication.

Lemartec   **Coconut Grove, Florida**

Construction Programs & Technology Intern   *May 2025 – Present*

- Developed QR code activity logging system in Procore to digitize field workflows across 500+ project locations.
- Integrated Cupix API to connect 3D digital twin models with project control systems.
- Created documentation to standardize software adoption and onboarding for 10+ colleagues.

PROJECT EXPERIENCE

Upper-Limb Joint Prediction Using IMUs   **Orlando, Florida**

Project Manager & Machine Learning team member   *January 2024 – August 2024*

- Led data preprocessing & contributed to ML modeling on an upper-limb dataset, developing PyTorch domain-adaptation models that achieved 87% movement classification accuracy.
- Engineered data pipelines with pandas, NumPy, Vicon, OpenSim, reducing preprocessing errors by 15%.
- Coordinated cross-functional research + ML teams via agile methods, resolving 15+ technical blockers and ensuring on-time delivery.

EDUCATION

University of Central Florida   **Orlando, Florida**

Bachelor of Science: Computer Science   *August 2020 – September 2024*
GPA: 3.7

Master of Science: Computer Science (Expected May 2027)   *August 2025 – May 2027*

(Coursework focus in Machine Learning, Software Engineering and Data Analytics)

AWARDS

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

SKILLS

Programming Languages: Python, Java, JavaScript

Frameworks & Tools: React, Node.js, Express

Data & ML: Pytorch, scikit-learn, Data Visualization (Matplotlib, Plotly, Altair), Pandas

Languages: English (Fluent), Spanish (Fluent)