

KEVIN MUNIZ

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Education

University of Central Florida

Expected Graduation: May 2026

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures and Algorithms, Natural Language Processing, Matrix and Linear Algebra, Engineering Entrepreneurship

Technical Skills

Programming Languages: C, C#, Python, Swift, JavaScript, Java, SQL, HTML/CSS

ML/Data: Scikit-learn, TensorFlow, Pytorch, Pandas, NumPy, Matplotlib, Backtrader, yFinance

Developer Tools: Git, Docker, Jupyter, VSCode, Jira, Confluence, PostgreSQL, SQLite, MySQL, Apache, AWS, Figma

Frameworks: MongoDB, Express, Node.js, FastAPI, Next.js, Celery, Redis, React, Lambda, Tailwind, Razor

Work Experience

Lockheed Martin *Systems Engineer CWEP*

May 2025 – Present

- Gathered requirements for land and air-based targeting systems (**F-35/F-16**) and created detailed technical documentation, improving process understanding across engineering teams.
- Developed onboarding guides and reference materials that significantly cut new engineer ramp-up time by **25%** and standardized knowledge transfer across projects.
- Conducted in-depth research on **communication networks** between legacy and newly developed systems, reducing miscommunication errors and increasing overall cross-platform reliability.

Lockheed Martin *Full Stack Software Engineer CWEP*

Sept 2024 – May 2025

- Developed full-stack internal web applications using **C#**, **Razor**, and **SQL** through automated data pipelines.
- Built and deployed a scalable datagrid system to organize and visualize user data, streamline resource allocation, and improve turnaround time on mission-critical reports by over **30%**.
- Reduced manual data entry by **40%** by integrating backend logic with existing databases, enhancing system accuracy.

Apple *College Program AHA*

March 2023 – Sept 2024

- Resolved user cases in **Apple's CORE system**, managing **75+** weekly issues and maintaining a **92%** satisfaction rate.
- Created and maintained detailed technical case notes for senior engineers, improving issue traceability.
- Provided mentorship and career guidance to peers, contributing to multiple students earning **Apple internships**.

Project Experience

Lightweight Energy Meter Aggregator (LEMA) | *React Native, SQLite, iOS/Android APIs*

Aug 2025 – Present

- Created a cross-platform mobile app projected to cut facility energy monitoring costs by up to **80%**, enabling scalable deployment for buildings over **5,000 sq. ft.** without requiring **\$50k–\$100k** dollar enterprise systems.
- Implemented LAN-based meter polling with offline data caching, achieving **95%+** uptime and full functionality without internet access, ensuring seamless operation during connectivity interruptions.
- Constructed modular reporting tools with **CSV/XLSX/PDF** export and interactive dashboards to reduce manual reporting time by **70%** and process **1,500+** daily data points per facility.

AI-Enhanced Paper Trading Platform | *MongoDB, Express, React, Node.js, OpenAI API, Docker*

Oct 2025 – Nov 2025

- Developed a full-stack **MERN** trading simulator to execute, monitor, and analyze simulated trades in real time, supporting **sub-100 ms** transaction latency across paper trading environments.
- Integrated the **OpenAI API** for large-scale market sentiment analysis, enabling users to derive actionable trading signals from financial news and social media data.
- Containerized backend microservices with **Docker** to ensure scalable deployment, fault tolerance, and consistent API performance under concurrent user load.

Leadership Experience

Theta Tau Professional Engineering Fraternity *Treasurer*

Jan 2025 – Jan 2026

- Optimized the fraternity's budget and financial systems by conducting a full audit of recurring expenses, cutting unnecessary costs by **25%**, and strategically reallocating resources toward high-impact academic, and professional events.
- Generated comprehensive **monthly financial reports** for the executive board, introducing clear visual breakdowns and comparative year-over-year analyses that improved fiscal transparency and enabled smarter, data-driven decision making.
- Designed and led a weekly **financial literacy program** for fraternity members, presenting on topics such as budgeting, credit management, investing basics, and post-graduate financial planning to improve members' financial awareness.