Daniel Romanini de Barros

daniel.romanini.barros@gmail.com | linkedin.com/in/Daniel-R-Barros | github.com/DanielRomanini

Education

University of Central Florida Orlando, FL

Bachelor of Science in Computer Science, Minor in Mathematics *Expected: May 2029*

- GPA: 4.0
- Honors and Awards: President's Honor Roll (Fall 2025, Spring 2026), Bright Futures Scholarship

Experience

Configuration Management Intern February 2026 – Present

Lockheed Martin *Orlando, FL*

- Collaborated with a **team of 7** to strengthen program reporting by analyzing submission timelines and status trends for **25+** Contract Data Requirements Lists (CDRLs) and producing weekly performance summaries used by CDM managers.
- Supported on-time contract compliance by assisting with preparation, validation, and coordination of CDRL packages prior to submission, contributing to **99+%** on-time delivery performance.
- Monitored end-to-end CDRL performance by measuring internal review cycle times and external customer delivery timeliness across **200+** deliverables, identifying schedule risks impacting contract milestones.

Integration Lead September 2025 – May 2026

RocketSHPE Payload Integration Project (SHPE × KXR) *Orlando, FL*

- Led a **team of 4** on the mechanical and systems integration between SHPE's payload and KXR's rocket to ensure structural and electrical compatibility.
- Proposed dual ejection mechanisms that allowed both the nosecone and payload platforms to deploy independently without spatial interference.
- Coordinated cross-organization design reviews to identify integration risks and maintain alignment on interface dimensions, connectors, and deployment timing.

Logistics Director August 2025 – June 2026

Society of Hispanic Professional Engineers (SHPE) *Orlando, FL*

- Researched and tracked university-wide events in advance, preventing scheduling conflicts and boosting event turnout by **20+%**.
- Assisted the Vice President in aligning event execution with organizational goals, streamlining operations across multiple cabinets.
- Managed correspondence by prioritizing urgent items, routing inquiries to the right cabinet, and tracking action items through completion, reducing response delays.

Mentee September 2026 – Present

Knight Hacks Mentorship Program *Orlando, FL*

- Selected as **1 of 40** students from **200+** applicants for Knight Hacks' mentorship program, focused on technical growth and career development.

Socials Director August 2026 – Present

Institute of Industrial and Systems Engineers (IISE) *Orlando, FL*

- Planned and hosted **7** social events and icebreaker activities for meetings of **50+ attendees**, coordinating budgets and logistics with the executive board to build community and increase member engagement.

Projects

Where's My Money? | *Python, Flask, PostgreSQL, REST API, JavaScript, HTML/CSS* June 2026 – July 2026

- Built and deployed a full-stack personal finance tracker in **Python** and **Flask**, auto-categorizing parsed Wells Fargo CSV transactions across **12** spending categories using keyword-matching logic.
- Engineered a **6-endpoint REST API** to expose transaction records, category totals, and income/spending summaries as **JSON**, validated against a **290-transaction** sample dataset.
- Migrated the data layer from local **SQLite** to a hosted **PostgreSQL** database to eliminate data loss on redeploy.
- Built a responsive **JavaScript** and **HTML/CSS** dashboard consuming the REST API in real time to render transaction history, category totals, and income/spending summaries without page reloads.

About Me | *TypeScript, React, Next.js, Tailwind CSS, Vercel* October 2026 – Present

- Built a responsive personal portfolio with **Next.js** (App Router), **React**, and **TypeScript**, styled with **Tailwind CSS**.
- Deployed to **Vercel** on a custom domain (**dromanini.dev**) with automatic builds from **GitHub**.

Skills

Languages: Java, C, Python, JavaScript, TypeScript, SQL, HTML/CSS
Frameworks & Databases: Flask, React, Next.js, Tailwind CSS, REST APIs, PostgreSQL, SQLite, Supabase
Tools & Platforms: VS Code, Git, GitHub, Render, Vercel, Microsoft Office