

Adan J. Rojas

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EDUCATION

University of Central Florida

Orlando, FL

Bachelor of Science in Computer Science, Minor in Secure Computing and Networks

May. 2027

Coursework: Data Structures and Algorithms, Discrete Structures, Cybersecurity, Web Development

EXPERIENCE

Workshop Team Member

Aug. 2025 – Present

Knight Hacks

Orlando, FL

- Teach UI/UX + Front-End workshops to **470 active Knight Hacks members**, strengthening design-to-code skills by walking participants through Figma and Whimsical wireframes translated into **responsive layouts with Tailwind CSS and Next.js**.
- Reinforce my expertise in TypeScript, JavaScript, and component libraries like ShadCN, while enabling peers to master modern UI workflows **through live coding demos and interactive problem-solving**.
- Teach libraries like framer-motion to students and demonstrate how to implement them into projects, creating interactive and **dynamic UI components that elevate the user experience**.

Automation Engineer

Jun. 2025 – Present

Dahiana Rojas de Rojas LLC

Remote

- Achieved a **60% reduction in average lead response time** by automating pipeline workflows and task assignments through HubSpot and BoldTrail API integrations orchestrated with n8n.
- **Boosted social media-driven lead acquisition by 340% in 3 months** by implementing automated content scheduling and Meta Ads API workflows via BoldTrail.
- Streamlined client onboarding process by developing custom automation sequences, **reducing manual data entry by 75%**.

PROJECTS

ReCueCareer | *Next.js, TypeScript, Python, Tailwind CSS, Supabase, Auth0*

Jul. 2025 – Present

- **Built a Python-based scraping pipeline using bs4**, resulting in the extraction of over 100 personalized job postings per user session, by **transforming data through Sentence-Transformers embeddings** and feeding it into Next.js/TypeScript dashboard styled with Tailwind CSS.
- Designed and implemented **secure onboarding and authentication with Auth0 and Supabase**, enabling seamless account creation and personalized content delivery for early users, while ensuring scalability for future SaaS growth.
- **Engineered a full-stack dashboard** with Next.js, TypeScript, and Tailwind CSS, resulting in real-time visualization of tailored job insights, by **integrating Python APIs with modular React components** and laying the groundwork for future ML-driven clustering.

Knight Finder | *HTML, CSS, JavaScript, Python, MySQL, Gemini API, Figma*

Jan. 2025 – May. 2025

- Delivered Knight Finder Chrome extension using JavaScript, Python, GenAI & MySQL for **Knight Hacks Spring 2025 Project Launch—placed 5th of 23**—and cut navigation from five clicks to two, saving approximately 4,200 student-hours weekly.
- Cut navigation from five clicks to two, **saving approximately 4,200 student-hours weekly**.
- Engineered a **GenAI-powered search assistant** that highlights myUCF menu paths, tripling task completion speed and reducing support tickets by 90%.

TECHNICAL SKILLS

Languages: C, Python, Java, JavaScript, TypeScript, SQL, CSS, HTML, LaTeX.

Frameworks/Libraries: Selenium, bs4, ShadCN, Aceternity UI, TWBlocks, Tailwind, Next.js, React, PyTorch, Gemini.

Tools/Platforms: Linux, Windows, JetBrains CLion & IntelliJ, GitHub, Notion, IDLE, VS Code, MobaXTerm, WSL, N8N, Figma, Docker, Supabase, BoldTrail, HubSpot, MySQL.