

Nelson Fleitas

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PROFESSIONAL SUMMARY

Computer Engineering student at UCF with hands-on internship experience in front-end and full stack development, embedded systems engineering, and real-world production environments. Proficient in C, C++, Java, JavaScript, and modern web technologies including React and Next.js. Holds CompTIA A+ certification and a strong academic record with a 3.625 GPA.

EDUCATION

University of Central Florida

Orlando, FL

Bachelor of Science in Computer Engineering. GPA: 3.625.

May 2028

Relevant Coursework: Engineering Analysis and Computation, Intro to C, Object-Oriented Programming, Computer Science I, Discrete Structures, Digital Systems

SKILLS

Languages: C, C++, Java, JavaScript, TypeScript, HTML5

Web Technologies: React, Next.js, Vite, Tailwind CSS, Framer Motion, Google Firebase, Firestore, Supabase

Tools and Hardware: Git, Vercel, Microcontrollers, UI Prototyping, Figma

EXPERIENCE

Front-End Software Developer Intern

Jan 2026 – May 2026

Minoria Tech LLC

- Participate in daily stand-ups and code reviews, utilizing Git for version control and CI/CD pipelines to streamline deployment
- Translate Figma designs into functional front-end code in collaboration with senior developers, adhering to strict accessibility standards

Full Stack Developer Intern

Sept 2025 – Dec 2025

XRCise

- Designed and deployed a responsive 'About' page featuring animated flip-cards and scroll progress indicators, improving page load speed by up to 5%
- Integrated Next.js Image optimization, reducing average page load time by 13% and improving Core Web Vitals for mobile users

Software Engineering Volunteer

Oct 2022 – Dec 2022

Gabas Tech

Lakeland, FL

- Debugged internal tools and resolved 5+ critical production issues, contributing to 95% uptime and reducing the weekly bug backlog by 10% over a 3-month period
- Enhanced tool stability and assisted with UX/UI design and multi-platform troubleshooting

PROJECTS

Iron Log <https://iron-log-tau.vercel.app/>

August 2025 – Present

AI-Powered PWA

- Designed and deployed a Progressive Web App for tracking workout metrics, built with React, Vite, TypeScript, and Framer Motion, with Supabase for real-time data storage and authentication, deployed on Vercel

GNOR at UCF (Self-Guided Boat)

Jan 2025 – May 2025

Embedded Systems Engineer

- Implemented PID motion control on Arduino NANO, achieving stable waypoint tracking with a navigational accuracy of +/-2 meters in open water

CERTIFICATIONS

- CompTIA A+
- IT Fundamentals
- Microsoft Office Specialist