Alex D. Reyes

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EDUCATION

University of Central Florida — **Orlando, FL**
B.S in Computer Science, GPA: 3.54 — *December 2025*

EXPERIENCE

United States Space Force — **Los Angeles, CA**
Software Engineer Intern — *January 2025 – August 2025*
- Integrated technologies such as React, Flask, Azure AI Search, Azure SQL Database, Azure Blob Storage, and OpenAI APIs.
- Designed AI model with OpenAI to personalize recommendations based on user input and technical skill level.
- Reduced IT ticket volume by up to **35%**, enabling IT teams to prioritize complex issues and improve overall performance.
- Empowered users to independently resolve common IT issues, improving overall user performance and time management.

YouROK Corp. — **Menlo Park, CA**
Software Engineer Intern — *June 2025 – August 2025*
- Added new features across the company's Enterprise Dashboard, Admin Panel, and Parent Portal on UI/UX specifications.
- Enhanced front-end interfaces using modern frameworks like React, guided by Adobe XD and Figma design specifications.
- Migrated back-end services from RESTful APIs to GraphQL to streamline data fetching and improve API flexibility.
- Collaborated with backend engineers to align data models and support a smooth transition to a new database architecture.

University of Central Florida - IDESIGN — **Orlando, FL**
Teaching Assistant - Senior Design — *August 2025 – December 2025*
- Coordinated **400+** CS seniors across **75+** projects by providing technical feedback, mentorship, and structured reviews.
- Improved project success rates by guiding teams through full-stack development, testing, and deployment challenges.
- Supported classroom instruction, grading, and one-on-one mentoring to ensure project and course success.

Xime Beauty/Skin — **South Gate, CA**
Full Stack Developer — *April 2021 – August 2022*
- Designed, developed, and deployed **2** LAMP stack websites utilizing HTML, CSS, JavaScript, and MariaDB.
- Maintained the business database with **50+** products, ensuring data integrity and efficiency.
- Built an automated tool for wholesale catalog creation, saving the team manual workload and **10+** hours per week.
- Advised and led the migration of **2** Xime websites to Shopify for added e-commerce functionality for online sales.

PROJECTS

Askpolaris | *React, Flask, Azure SQL Database, OpenAI API, Figma, Postman* — **January 2025 – August 2025**
- Engineered an AI-driven IT automation platform adopted by U.S. Space Force to streamline IT service workflows.
- Created RESTful APIs with Flask to enable secure, real-time communication between frontend and database.
- Designed and normalized Azure SQL database schemas to support structured user and ticket data.
- Documented endpoints and data flows using Postman and OpenAPI specs for team-wide clarity.

Simply Law | *React, Next.js, Python, FastAPI, Google Gemini API, Supabase, Prisma, Vultr* — **September 2025**
- Won **1st** Place at KnightHacks 2025 in the Morgan & Morgan: AI Legal Tender Challenge, earning the **$4,000** grand prize.
- Built an AI-powered legal workflow system automating document processing, client communication, and case analysis.
- Designed a multi-agent architecture enabling AI agents to collaborate on legal data extraction and analysis.

Guest QR Code Tracker | *React, Vite, Node, Express, MongoDB, AWS Lightsail* — **April 2025 – May 2025**
- Built a QR-based attendance tracking system used at a live convention with **250+** participants.
- Enabled real-time monitoring of **10+** attendee services, such as food distribution, by scanning unique QR codes.
- Deployed a production-ready system that successfully supported hundreds of scans during live operations.

TECHNICAL SKILLS

Programming: JavaScript, TypeScript, Python, Java, C, SQL, PHP, HTML, CSS
Front-End: React, Next.js, Angular, Tailwind CSS, Three.js, Vite
Back-End: Node.js, Express.js, Flask, REST, GraphQL
Databases & BaaS: MongoDB, MariaDB, Azure SQL, Supabase
Cloud & DevOps: AWS Lightsail, Azure, Vultr, Docker
Tools & Platforms: Git/GitHub, Postman, Figma, Jira, Notion, Slack
Languages: **Spanish** (Native), **English** (Fluent)