

ALEX D. REYES

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EDUCATION

University of Central Florida

Orlando, FL

B.S in Computer Science, GPA: 3.45

Expected Graduation, December 2025

Awards/Honors: Society of Hispanic Professional Engineers, Dean List

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Security in Computing, Systems Software, Processes of Object-Oriented Software Development, Mobile Device Software Development, Web-Based Information Technology, Concepts of Parallel and Distributed Processing, Algorithms for Machine Learning, Artificial Intelligence

Hillsborough Community College

Tampa, FL

A.A in Liberal Studies, GPA: 3.80

May 2021

Awards/Honors: Dr. Lydia R. Daniel High Honors Graduation, Dean List, Phi Theta Kappa Honors Society, The National Society of Collegiate Scholars

EXPERIENCE

U.S. Space Force: AI-Powered IT Solutions

Orlando, FL

Full Stack & AI Engineer

January 2025 – Present

- Designed AI model with OpenAI to personalize recommendations based on user input and technical skill level.
- Integrated technologies such as OpenAI, Azure SQL Database, ServiceNow, and Archibus.
- Reduced IT ticket volume by **75%**, allowing IT teams to prioritize complex issues, thereby improving team performance.
- Empowered users to independently resolve common IT issues, improving overall user's performance and time management.

Xime Beauty/Skin

South Gate, CA

Web Developer Full Stack

November 2019 – August 2022

- Designed, developed, and fully deployed **2** LAMP stack websites utilizing HTML, CSS, and JavaScript.
- 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.
- Integrated a financial management software for Shopify to automate tracking for an average of **30+** daily online orders.

PROJECTS

ContactHub: LAMP Stack Contact Manager

Orlando, FL

Solo Project

February 2025

- Designed and developed a full-featured contact management system using Linux, Apache, MySQL, and PHP.
- Implemented user authentication, CRUD operations, and a responsive front-end with HTML, CSS, and JavaScript.
- Set up automated backups for the MySQL database to ensure data integrity and recovery.

Codelaboration: MERN Stack Interactive Live Code Presentation

Orlando, FL

Group Project – UCF Knights Hack Hackathon 2024

October 2024 – Present

- Designing and developing a coding presentation website using MongoDB, Express, React, and Node.js.
- Creating functionality that allows the presenters to showcase code live, line by line.
- Creating a dynamic code editor that allows presenters to edit and display code in real-time.

Compiler PL/0: Low-Level Language Processing & Generation

Orlando, FL

Solo Project

May 2024

- Developed a functional compiler for the PL/0 programming language using C.
- Implemented lexical analysis, parsing, semantic analysis, and code generation.
- Implemented a hash-based symbol table for efficient variable management and symbol lookups.

TECHNICAL SKILLS

Programming Languages: Proficient: C, C++, HTML, CSS, JavaScript, SQL; Intermediate: Java, Python, PHP; Beginner: TypeScript, Rust, Kotlin, Liquid

Software & Tools: Unix/Linux, Visual Studio Code, Git, Jira, React, Angular, Bootstrap, Node.js, Express.js, jQuery, Postman, Bruno, MariaDB, Three.js, Adobe Photoshop, Power Point, Excel

Soft Skills: Problem Solving, Teamwork, Adaptability, Communication, Drive, Commitment, Attention to Detail

Language: Native: Spanish; Fluent: English