Rodolfo "Rudy" Ruiz

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About

UCF Computer Science student with focus on systems engineering and data. Corporal & Command Center Operator at Universal Orlando; strong documentation, testing mindset, and cross-team communication. Targeting Summer 2026 Systems Engineering, Show Systems, and ATI/R&D.;

Projects

• Predictive Text Assistant (Trie) — C prefix search, frequency tracking.
• MySPIM (MIPS) Simulator — CPU simulator with debug lifecycle.
• TinyVM Interpreter — Stack VM with error handling.

Experience

Universal Orlando Resort — Corporal & Command Center (Apr 2022–Present): dispatch coordination, FTO training, accurate incident documentation, cross-team communication.
Walt Disney World — Lifeguard (May 2021–Apr 2022): monitored zones, enforced safety, reporting.
CVS Pharmacy — Sales Associate (Nov 2021–Apr 2022): processed payments, inventory accuracy.

Skills

Programming: Python, C, C++, Java, SQL, Bash • Data: Pandas, NumPy, Tableau, Power BI, Excel • Tools: Git, VSCode, Linux