Daniel Ramirez

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EDUCATION

University of Central Florida (3.6 GPA)   Orlando, FL
Bachelor of Science in Computer Science   *Expected Graduation: May 2027*

Honors and Awards: Florida Bright Futures Academic Scholar, Top 10 Knights, Dean's List Fall 2023/Spring 2024

Relevant Coursework: Introduction to C Programming, Computer Science I, Calculus I & II, Object Oriented Programming, Computer Logic & Organization, Introduction to Discrete Structures, Concepts to Computer Science

TECHNICAL SKILLS

Languages: Python, Java, C
Tools: Git, GitHub, Figma

EXPERIENCE

Mister Car Wash   June 2023 - Present
Guest Service Specialist   *Orlando, FL*

- Ensure a welcoming and organized setting, optimizing workflow and significantly enhancing customer experience
- Adeptly address and efficiently resolve customer concerns with empathy, ensuring satisfaction and loyalty
- Thrive in fast paced settings, efficiently managing multiple tasks and consistently maintaining quality under pressure
- Collaborate with team members to identify and proactively solve issues, improving performance and service quality

Fun Spot America Theme Parks   June 2022 - July 2022
Human Resources Intern   *Orlando, FL*

- Streamlined onboarding for 76 new hires, significantly enhancing team integration and overall workflow efficiency
- Performed detailed financial audits, identifying discrepancies and recovering over $100 in misplaced funds
- Oversaw data tracking for 200+ team members, ensuring accurate, consistent, and up-to-date management
- Updated critical safety documentation, ensuring full compliance with all relevant safety standards and regulations

PROJECTS

Real Time Weather App | *Java*

- Developed a Java based Weather App that fetches and displays real time weather information using an external API
- Designed a user friendly GUI for entering locations and displaying temperature, condition, humidity, and wind speed
- Built backend logic for fetching coordinates, retrieving weather data, and accurately converting weather codes
- Implemented error handling for API connection issues to ensure reliable data retrieval and improved user experience

MIPS Processor | *C*

- Developed a mini processor simulator in C on a Unix platform, thoroughly emulating MIPS processor functions
- Implemented a single cycle datapath to read and execute MIPS machine codes cycle by cycle, improving performance
- Executed essential functions like arithmetic operations, logic operations, data transfers, and conditional branching
- Ensured the simulation met all specified requirements and functioned within the provided project framework

Movie Ticketing Queue Simulation | *C*

- Developed C based queue management system for theoretical movie ticketing, optimizing customer service
- Utilized a linked list structure for real time ticketing operations with $O(1)$ efficiency, reducing operational latency
- Engineered a simulation algorithm for dynamic customer allocation, significantly optimizing booth operations
- Implemented strategic memory management techniques to ensure consistent simulation stability and execution