Saul Mendoza

Los Angeles, CA 90019

EDUCATION

UNIVERSITY OF CALIFORNIA - RIVERSIDE, Riverside, CA

Bachelor of Science in Computer Engineering

Relevant Coursework: Java, C++, Data Structures, Object-Oriented Design, Assembly, RTOS, Operating Systems, Computer Organization & Architecture, Embedded Systems, State Machines, Git, GitHub, Linux

TECHNICAL PROJECTS

Air Quality Sensor (Link)
Uses Wi-Fi capable ESP8266 microcontroller with Arduino IDE to program multiple sensors and send the data to a mobile app created using Blynk.

Ping Pong Game (Link)
Uses an ATMEGA1284 microcontroller to program a primitive version of Ping Pong displayed on an LCD Array.

Digital Door Lock System (Link)
Uses an ATMEGA1284P microcontroller to program a digital keypad that unlocks a virtual door by inputting the correct sequence of numbers. Uses error handling for incorrect passcodes.

TECHNICAL SKILLS

- Languages: C, C++, Python, Java, SQL
- Embedded Systems: Microcontroller-based design, sensor integration, analog/digital interfaces
- Real-Time Systems: Interrupt handling, multithreading, scheduling, state machines

PROFESSIONAL EXPERIENCE

Purchasing Manager | SUNCRAFT INDUSTRIES INC., Bellflower, CA | January 2012–September 2020

- Streamlined the procurement process by implementing an efficient requisition tracking system, reducing purchasing lead times by 20%.
- Successfully negotiated vendor contracts resulting in a 10% cost reduction while maintaining product quality and availability.
- Provided training that improved departmental efficiency by over 30%.

Customer Service | SUNCRAFT INDUSTRIES INC., Bellflower, CA | July 2008–January 2012

- Demonstrated exceptional communication skills by effectively addressing customer inquiries and resolving issues, achieving a 95% customer satisfaction rate.
- Consistently met or exceeded sales targets through upselling and cross-selling, contributing to a 10% increase in revenue.

Warehouse Worker | SUNCRAFT INDUSTRIES INC., Bellflower, CA | July 2005–July 2008

- Utilized digital inventory management tools to enhance efficiency in tracking stock items, resulting in a 35% reduction in order processing time.
- Optimized warehouse layout, and order fulfillment SOP improving workflow and reducing safety hazards.