Saul Mendoza

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EDUCATION

UNIVERSITY OF CALIFORNIA - RIVERSIDE, Riverside, CA

Bachelor of Science in Computer Engineering

Relevant Coursework: Java, C++, Data Structures, Object-Oriented Design, Assembly Language Programming, Computer Organization & Architecture, Embedded Systems, State Machines

TECHNICAL PROJECTS

Air Quality Sensor
Wi-Fi connected air quality sensor that displays the temperature, humidity, air quality index, and particulate matter concentration on a Blynk app.

Proximity Alert Sensor
Uses a 16x2 LCD screen to display distance of object and message along with a speaker that will beep when distance is too small.

Ping Pong Game
Uses an LCD screen to display distance of object and message along with a speaker that will beep when distance is too small.

Digital Door Lock System
Using a digital keypad, unlock a door by inputting the correct sequence of numbers and light up an LED to show the door is unlocked. Resets if a wrong key is entered and re-locks upon "closing" door.

SKILLS

- C, C++, Java, XML/HTML, Linux, Python
- Microsoft Office, Visual Studio

PROFESSIONAL EXPERIENCE

SUNCRAFT INDUSTRIES INC., Bellflower, CA
Purchasing Manager, January 2012–September 2020
- Prepare and process requisitions and purchase orders for supplies and equipment.

SUNCRAFT INDUSTRIES INC., Bellflower, CA
Customer Service, July 2008–January 2012
- Confer with customers by telephone or in person to provide information about products or services, take or enter orders, or obtain details of complaints and work through a resolution.

SUNCRAFT INDUSTRIES INC., Bellflower, CA
Warehouse Worker, July 2005–July 2008
- Receive and count stock items, and record data manually or digitally