

Christian Ruiz

(951) 269-3570 | chrisruiz8852@gmail.com | [LinkedIn](#) | [Github](#) | [Resume Website](#)

EDUCATION

Moreno Valley College

Associate of Science in IT Cybersecurity

Moreno Valley, CA

Expected June 2027

University of California, Riverside

Bachelor of Science in Computer Science

Riverside, CA

2024

PROJECTS

SIEM Log Monitoring and Threat Detection | *Python, Ubuntu Linux OS, ELK Stack*

- Deployed the Elastic Stack (Elasticsearch, Logstash, Kibana, Filebeat) on an Ubuntu Linux VM using VirtualBox to build a custom SIEM solution
- Ingested and normalized system logs and CSV-based event data into Elasticsearch for structured analysis and correlation
- Configured Logstash pipelines and created Kibana dashboards to detect authentication failures, malware activity, and high-priority alerts
- Strengthened incident visibility by developing queries and visualizations to identify security trends and suspicious activity

Crime Database System | *Python, SQL, MySQL, Node.js, PySpark, Hadoop*

- Preprocessed 22 million records of police crimes across five major cities (LA, Chicago, NYC, Austin, Philly) using Python scripts in PySpark, and stored the data in MySQL for efficient management
- Leveraged Node.js to retrieve and streamline the integration of large-scale datasets from MySQL, ensuring smooth data delivery and support for front-end development

Flight Booking System | *C++, Git, Github*

- Developed a secure system for companies to store user login credentials, manage itineraries, and handle flight booking data efficiently
- Enhanced user experience by enabling seamless itinerary management and providing convenient tools for storing, filtering, and updating flight booking data
- Worked within a team of 4, utilizing Git and Github for version control

Simon Says | *C*

- Simon Says esque game using ATmega328P microcontroller (Arduino UNO) where light patterns are displayed on four LEDs in a cross pattern
- Used bit manipulation to initialize and control components such as an EEPROM, Joystick, LCD screen, Buzzer, and LEDs
- User uses joystick to enter the pattern (choices are UP, LEFT, RIGHT, DOWN)
- LCD screen displays game state
- When powered off, EEPROM stores score data (highscore)

UCR Chatroom | *JavaScript, HTML, CSS, Node.js, MongoDB, Git, Github*

- Developed a chat system using MongoDB to securely store user login credentials and efficiently manage chat data, using real-time communication and authentication processes within the application
- Integrated Google Login to provide users with a seamless and secure alternative login method, enhancing the overall user experience

SKILLS

Spoken Languages: Fluent in Spanish and English

Programming Languages: C/C++, Java, Python, SQL, JavaScript, LC-3

Cybersecurity Tools and Platforms: Wireshark, ProDiscover, ELK Stack (Elasticsearch, Logstash, Kibana), GParted, VirtualBox

Other Technologies and Tools: Pytest, Google Test, MySQL, Git, GitHub, PySpark, Hadoop, Node.js, React, HTML, CSS, Arduino