



Contact

📍 Elgin, IL 60120

✉ jay81423@gmail.com

☎ 224-800-7229

Education

Lewis University, Romeoville

B.S. Computer Science
2021 - 2025

- 4.0 Cumulative GPA
- Member of Cyber Defense Club
- Member of Men's Soccer Collegiate Team

Skills

- Fluently Bilingual : English & Spanish
- Programming Languages: Java, JavaScript, C++ , and Python
- Ability to work well with others
- Exceptional Time Management
- Virtual Box

Awards

- Schmitt Leadership Scholar -
Awarded to students with exceptional leadership skills
- 2x Delahanty Award - Student athletes above 3.25 GPA
- Dean's List 2021-2023

Jayrell Garcia

Computer Science Student

Relevant Course Work

Operating Systems

- System Performance Optimization, Embedded Systems Development, and Understanding System Functionality

Object-Oriented Programming

- Modular Thinking, Polymorphism, Encapsulation, Object-Oriented Analysis and Design

Introduction to Networks

- Network Protocols, Network Architecture, Network Security, Subnetting, and IP Addressing

Cybersecurity Essentials

- Network Security, Cryptography, Access Control, Security Architecture, Ethical Hacking, and Penetration Testing

Computer Organization

- Understanding CPU Architecture, Input/output Systems, Digital Logic, and x86 Assembly

School Projects

Text Based Cruise Ship Scheduler

- Programmed a Java text based cruise ship scheduler that allowed the user to manage the ships, cruises , passengers, and room types.
- Utilizes the use of multiple Classes and Objects , Lists , Exception Handling, Inheritance, Date Handling , Input/Output, and Encapsulation.

Security Hardening

- Implemented hardening steps an a Apache web based system to boost security.
- Involved using firewalls, more secure authentication factors, removing unneeded users and applications, and regulating privileges between users.
- Proper and through documentation was used through the project to exhibit all errors, warnings, suspicious activity, and steps taken.

Configured a Home Network

- Configured a functioning network from scratch with the following topology: 4 Routers, 4 Switches , and 4 PCs .
- Assigned IP addresses , subnets , and default gateways to all interfaces accordingly. All devices were able to commute to one another.

Database Analyzer

- Programmed an application that analyses databases using a python based interactive web application(Jupyter Notebook) which creates various graphs to model the data as well do complex calculations.

Work Experience

Assistant Event Coordinator

August 2021 - November 2021

The House AC | Bridgeview, IL

This was a volunteer position where I :

- Demonstrated strong organizational abilities through successful coordination of multiple events, ensuring seamless execution and adherence to tight schedules soccer games.
- Excelled in communication within the events , maintaining clear and effective dialogue with within in a group to coordinate the game.
- Developed adept problem-solving skills in a fast-paced environment during the games.

Warehouse Associate

May 2022 - August 2022

Office Depot | Itasca, IL

- Demonstrated keen attention to detail in warehouse operations, ensuring accurate inventory management and order fulfillment.
- Executed tasks within tight timeframes in warehouse operations, ensuring deadlines were met in timely manner.
- Effectively communicated with warehouse team members to coordinate tasks and ensure smooth operations.
- Prioritized safety in warehouse operations, contributing to a strong safety culture.