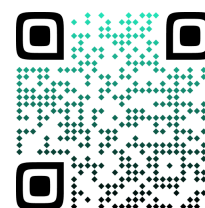


Kyle Van [Student]

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EDUCATION

Florida International University

Miami, FL

Bachelor of Science in Information Technology (GPA: 4.0)

2022-2025

- Full-time Student pursuing a Bachelor of Science in Information Technology
- Coursework: Discrete Structures, Computer OS, Computer Security, Applied Networking, Topics in Global Cybersecurity Policy, IT Automation, Component-Based Software Development

EXPERIENCE

HomeLab

Miami, FL

Home Server

Spring 2024

- Built and configured a multi-purpose home server serving as a NAS, media server, Docker platform, and learning environment for development and testing.

ParaMusic

Miami, FL

<https://github.com/KVine9/HCI-Project>

Fall 2023

- Crafted a program that utilizes APIs & Streamlit to give metadata information about any artist, album, or song specified along with additional graphs such as maps, scatterplots, etc.

Website Construction & Management

Miami, FL

Website Development Class

Fall 2023

- Configured, secured, and troubleshooted web servers with HTML + CSS on different Linux distributions including a CentOS VM on Google Cloud.
- Employed DOM to build a website purely out of PHP code that connected to a database and dynamically made a query with the user's input via the HTTP Get and Post Methods.

Informational Storage and Retrieval Concepts

Miami, FL

Database Systems Class

Fall 2023

- Fabricated a program connecting to a car dealership's comprehensive database for efficient management and retrieval of employee, car, customer, and contract data.
- Experimented with NOSQL Databases like MongoDB and got familiar with JSON format.

Intermediate Java Programming

Miami, FL

Coding Class

Spring 2023

- Constructed a seat reservation system that allows adding, changing, canceling, and listing reservations while also allowing for walk-ins by incorporating LinkedList, ListIterator, Error catching, etc.
- Collected, organized, analyzed, and disseminated detailed information to quickly grasp complex topics like recursion, inheritance, exception handling, etc.
- Analyzed works of peers and of my own to locate any errors within the code and communicated the possible solutions effectively with clarity and precision.

TECHNICAL KNOWLEDGE

Network Protocols: HTTP/HTTPS, TCP/UDP, IP, SDN, ARP, DNS, OpenFlow, BGP, MAC

Network Security: Polyalphabetic ciphers, AES, RSA, Authentication Protocol ap5, PGP, SSL, IPsec, stateless/stateful firewalls, SSH, Public key cryptography

Software/OS: Apache, Nginx, CentOS, Rocky, Fedora, Rocky, Scientific Linux, Ubuntu, Google Cloud

Languages: Java, Python, Linux, HTML, MySQL, Shell