Darontae Colley

Southfield, Michigan

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EDUCATION

Davenport University | Grand Rapids, MI   **December 2024**
Bachelor of Science in Computer Information Systems   GPA 3.0
- Specialty in Secure Software Development

<u>Related Coursework</u>: Software Engineering, Mobile Application Development, Web Application Development, Database Systems, Database Design, Data Structures and Algorithms, Python Scripting

Associate of Applied Science in Computer Information Systems   **August 2022**

TECHNICAL QUALIFICATIONS

- C#
- HTML & CSS
- JavaScript
- Microsoft SQL Server
- Python
- Android development
- Technical support
- Video production/Visual effects

EXPERIENCE

Penta Solutions LLC   Southfield, MI
Industrial Programmer Intern   September 2024 – Present
- Use Mach2, Kepware, and Niagara to make sure data flows easily between machines and systems, allowing clients to see real-time results
- Improve the Mach2 interface using HTML, CSS, JavaScript, and SQL to make applications more user-friendly.
- Collaborate with team members to update software and meet client needs effectively.

Virtual Employment Training Services (VETS)   Southfield, MI
Virtual Production Technician   June 2020 – October 2023
- Managed virtual production equipment setup and maintenance.
- Coordinated live streaming sessions for virtual events.
- Developed troubleshooting procedures for technical issues during virtual productions.

IT PROJECT EXPERIENCE

Home Appliance Shop
- Developed a C# application with Visual Studio with login validation functionality for secure access for users.
- Interface allows users to browse through a variety of home appliances and add them to their cart.
- Integrated SQL Server for users to store product information and perform CRUD (Create, Read, Update, Delete) operations on their selected items.

2D Platformer Game (Unity, C#)
- Implemented player controls movement, jumping, and interacting with the environment.
- Created enemy AI and obstacle systems to challenge players.
- Designed multiple levels with increasing difficulty and different challenges.

College Project Website
- Created a website that acts like a college's official site using CSS, HTML and JavaScript.
- Designed pages where you can see what courses the college offers, learn about the college, and find contact information.
- Includes a "Contact Us" page where you can send questions or inquiries.

Name List CSV Creator & Phone Directory CSV Reader
- Developed a Python program to create a list with names and saved them into a .csv file. and enabled reading and printing of the data.
- Verified program functionality by testing reading and printing operations of the data and creation of the CSV file.

Reflex Game
- Developed a reflex and dexterity-based game to hit a moving graphic as many times as possible in Koltin using Android Studio.
- Implemented rules, including hit/miss criteria and game end conditions.
- Utilized Canvas for graphic rendering and screen sizing which included error handling and localized string resources.