Darontae Colley

Southfield, Michigan

dcolley3@email.davenport.edu | (313) 459-1296

https://tae360.github.io/Tae360Portfolio/

EDUCATION

Davenport University | Grand Rapids, MI   **December 2024**
Bachelor of Science in Computer Information Systems   GPA 3.08
- Specialty in Secure Software Development

Related Coursework: 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/React
- Microsoft SQL Server

- Python/UI & UX Design
- Mobile development
- Technical support
- Video production/Visual effects

EXPERIENCE

Penta Solutions LLC   Southfield, MI
Software Engineer Intern   September 2024 – December 2024
- Utilized Mach2, Kepware, and Niagara to make sure data flows easily between machines and systems, allowing clients to see real-time results
- Improved the Mach2 interface using HTML, CSS, JavaScript, and SQL to make applications more user-friendly.
- Built and integrated UI/backend components using JavaScript and React to help update and manage data automatically, making it easier for machines and systems to share information.

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 Kotlin 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.