

Collin Matanda

Software Engineer

About

Collin is a well presented, articulate ,smart and self-motivated individual with developed communication and problem solving skills. Punctual, dedicated and always willing to learn and adapt to new environment

Education

Higher Certificate-IT in support services / January, 2020 - December, 2020

IIE Rosebank College

I obtained a number of skills including HTML, CSS and IT support related skills. I am able to build basic HTML and CSS website and solve IT related problems

Computer Software Engineering Certificate / March, 2021 - August, 2021

HyperionDev

Through the course I have obtained skills In Java, Python, MySQL. With the skills I have obtained I am able to develop systems, engineer systems, test systems ,create and manage databases.

Projects


Finance Calculator / March, 2021 -


Python project


This program is a simple program that a bank could use. The program offers a menu with only two options which is an investment plan or a bond payment plan. The investment plan offers a fixed deposit which can be simple OR compound interest and this will be calculated based on the user's input. The bond plan calculates how much the user will need to pay monthly based on the information they have entered. whichever option the user selects, once the calculations are done the payment plan will be displayed to the user. This project mainly focuses on my knowledge of variables and control structures.




Profile Information

 Collinmat77@gmail.com

 +27815224685

 <https://collin231.github.io/Resume/>

 47 Maple Dr, Carlswald, Midrand, 1684

Skills

PYTHON



JAVA



SQL DATABASE



HTML



CSS



IT TECHNICAL SUPPORT



GIT



SOFTWARE DEVELOPMENT



WEBSITE DEVELOPMENT



Languages

ENGLISH : Fluent

Marvel game / March, 2021 -

Python project

This is a python game which uses pygame. The game works in a sense that the player can move up and down, left and right to try and dodge the enemies which are only moving from right to left. If the player touches any of the enemies on the screen then they lose. If the player manages to dodge the enemies until all enemies are off the screen then the player wins. The game ends when the player either wins or loses. For this project I had to apply my knowledge of one of Python libraries which is Pygame.

Task Manager / April, 2021 -

Python project

This project focuses on lists, functions, and string handling. This program's purpose is for a company to be able to have a system in place for employees to be able to check their task. The program has a security system in place so that only the company's employees are allowed to use the program. The admin is the one who controls the access as he/she is the only one that can register new users/employees. When the user logs in they are presented with a menu that offers. The admin has a slightly different menu from the other users as he can generate reports and display statistics of tasks and users, the users also have an option to edit tasks, whereby they can edit the person the task was assigned to, the due date of the task and mark the task as complete once they are done with the task.

Posied Store / June, 2021 -

Java project

This project focuses on Java Object-Oriented Programming and databases. This is a program that a construction company could use to manage its projects. The system requests a user to enter their own details and enter details of the building project they would like to build. The user's details are their name, address, telephone number and email and the project details are number of the project, total amount of the project, deadline of the project etc. Once the user has entered all the information, it is being saved which will then be displayed in a friendly reader manner. The user is then presented with a menu which allows them to change parts of the given information. If the user chooses not to change anything then they can close the program.

Summary

I am seeking to obtain a rewarding position in a reputable company where I can use my skills in the best possible way for achieving the company's goals, contributing to the improved efficiency and profitability of a company and also be able to enhance my skills and experience as well. My passion for programming has given me the drive to dedicate myself to apply my skills and knowledge of problem solving where applicable in the best way possible. Programming thrives me into generating new and creative ideas which would come into existence and help an individual solve technological challenges.