

Irwin Felicien

felicienirwin@outlook.com | 832.794.1251 | github.com/irfelicien | linkedin.com/in/felicienirwin/

EDUCATION

Texas Southern University

Bachelor of Science in Computer Science

GPA: 3.46

Houston, Tx

May 2023

Houston Community College

Associate of Science in Computer Science

Houston, Tx

May 2020

Coursework: Database Management Systems, Advanced OOP, Computer Programming in Java, Data & File Structures, Computer Organization, Web Development

TECHNICAL SKILLS

Programming Languages: Java, C++, Dart, HTML, CSS, JavaScript, SQL, Python

Software Tools: Visual Studio, Visual Studio Code, Git

PROGRAMMING PROJECTS

Workflow - Desktop App (Personal Project)

June 2023-Present

Languages and Tools Utilized: Java, Java Swing Toolkit, Apache POI, SQL

- Developed a desktop application that allows users to input customer and vehicle information at a collision repair shop
- Stores customer information in SQL database
- Exports to excel for easy user readability

Vending Machine Replica (Class Project)

August 2022 – December 2022

Language Utilized: C++, fstream library

- CLI vending machine replica
- Handles currency input and change
- Performs overhead, cost, and labor calculation
- Uses fstream to write to excel

RESEARCH

EEG and Machine Learning

January 2023 – May 2023

Research Assistant

- Research machine learning applications in Electroencephalography testing
- Leveraged Support Vector Machine algorithm in Python and R languages
- Compared to previous research using K-Nearest Neighbor algorithm