FRANCIS MIGUEL S. DELA CRUZ

3RD YEAR BSCPE STUDENT

CONTACT

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PROFILE SUMMARY

A dedicated and ambitious third-year student of computer engineering at the University of Cebu-Banilad, looking for an On-the-Job Training (OJT) employment where I may utilize my programming, electronics, networking, and troubleshooting abilities while obtaining experience in the industry in a professional environment.

EDUCATION

2022-2025(PRESENT)
UNIVERSITY OF CEBU - BANILAD
Bachelor of Science in Computer Engineering

2020-2022
MANDAUE CITY COMPREHENSIVE NATIONAL HIGH SCHOOL
TVL - ICT

WORK EXPERIENCE

- McDonald's Service Crew

TECHNICAL SKILLS

- Programming Languages: C#, C, C++, Python
- Software Development: Windows Applications (C#), Web Development (HTML, CSS, JavaScript, PHP)
- Electronics & Hardware: Arduino, Breadboarding, Circuit Design, Troubleshooting
- Embedded Systems: Microcontrollers (Arduino Uno), Sensor Integration
- Networking: Cisco Router & Switch Configuration, LAN Setup & Troubleshooting
- Projects & Prototyping: Power Supply Design, Audio Amplifiers
- Software Tools: Visual Studio, Cisco Packet Tracer, Proteus, MATLAB

PROJECTS

UC Management System (C#)

Developed a management system using C# to streamline administrative tasks for University of Cebu.

Tic-Tac-Toe Game (C# with Graphics & Multiple Modes)

Created a graphical Tic-Tac-Toe game featuring different modes and an interactive user experience.

4-Way Traffic Light System (Arduino Uno, Breadboard, 7-Segment Display)

Designed and programmed a multiplexed traffic light system using Arduino Uno and 4 pairs of 7-segment LEDs.

12V Power Supply & Amplifier

Built a stable 12V power supply and an amplifier circuit for practical electronics applications.

Cisco Network Configurations

Configured various network setups using Cisco Packet Tracer, including VLANs, Static & Dynamic Routing, and Network Security.

Photobooth Website

Developed a photo booth web application with interactive UI and image processing features.