

KURT DECENA

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EDUCATION

Tanauan City College | Bachelor of Science in Computer Engineering (CPE) | Trapiche Tanauan City Batangas | 2020 - 2024

Relevant Courses: Software Developer, System Developer, Embedded System Engineer, Software Engineering

Summary

Passionate Junior Software Developer with over 3 years of hands-on programming experience through freelance and sideline projects, along with internship experience in software development. A quick learner familiar with Agile methodologies, skilled in building and maintaining system applications and backend functions. Strong foundation in machine learning, Python and C++, with a focus on developing efficient and reliable software solutions.

PROFESSIONAL EXPERIENCE

Brother Industries Philippines Inc. – IT System maintenance and development ; Tanauan City, Batangas

May 29, 2025 - Present

- Assisted the team to transition web portal of the company.
- Maintenance and Improve overall function of the system across the company. (MES, SAP, PORTAL, E-Learning System ,etc.)
- Integrating system using API's.
- Perform Call and remote troubleshooting and Ticketing System.

Sophie's Information Technology Inc – Intern ; Lipa City, Batangas

January 15, 2024 - March 4, 2024

- Assisted the Secure Development team in designing Moodle prototype for Ilocos University using Figma
- Delivered weekly presentations to the Developer Secure Manager
- Completed the Moodle design project for Ilocos University independently
- Studied Cyber Security practices, Ethical Hacking and Software Development (SDLC)

FREELANCE EXPERIENCE

Gun Detection with Web Application using Yolov8

March 31, 2024

This project aims to create a robust security system capable of automatically detecting firearms in real-time using IP cameras. Leveraging the latest advancements in computer vision and deep learning, this system employs the YOLOv8 (You Only Look Once) object detection algorithm, renowned for its speed and accuracy

- Developed Image processing CNN model to detect a gun using machine learning
- Developed a web-base application using flask in python
- Programming language: C++, Python
- Implemented communication: Over ethernet communication (TCP/IP)

PROJECT EXPERIENCE

An Intelligent Plate Number Recognition and Parking System at Tanauan City College

June 3, 2024

The Intelligent Plate Number Recognition & Parking System at Tanauan City College controls and secures parking spaces for registered vehicles, using image processing (Machine learning) to recognize plate numbers and restrict access. It enhances security and management within TCC premises

- Implemented communication: UART communication and over ethernet communication (TCP/IP)
- Developed an image processing CNN model and a web application using flask in python
- Developed and designed a control gate mechanism for a parking system to manage entry and exit
- Programming language: C++, Python
- Microcontroller: Arduino Mega 2560

Portfolio website - <https://kurt-profile.netlify.app/> (not yet finish)

Wedding Invitation Website – <https://kurtandpaola.netlify.app/>

- Created with a dynamic wedding invitation using basic HTML ,CSS (with animation and media query), and JavaScript.
- Utilized Git for version control, pushed to GitHub, and deployed the live site via Netlify.
- Focused on clean UI/UX and mobile-friendly layout.

SKILLS & INTERESTS

Interests: Gaming, Streaming, Esports, , Hiking, Badminton, Cook

Languages: Native English and Filipino speaker;

Technical stack: Git, .NET, SQL, C++, C#, Arduino, HTML, CSS ,JS , Machine learning and Python

Soft: Time Management, Project Management, Communication Skills, Good Analytical Problem Solving, Adaptability, Critical Thinking, Leadership, Attention to Detail, Interpersonal Skills.

ACHIEVEMENTS AND EXTRACURRICULAR

- DEAN'S LISTER | Fourth Year | First Semester | 2023 – 204
- DEAN'S LISTER | Third Year | Second Semester | 2022 - 2023
- Programming Competition | Champion | 2023 - 2024
- Programming Competition | 2nd place | 2022 - 2023
- Breadboarding Competition | Champion | 2022 - 2023
- Esport President | Invictus Animus ACCESs | 3 years | 2020 – 2023

SEMINARS AND CERTIFICATIONS

- Basic Occupational Safety and Health (BOSH) with 2-hour Training of Trainer for Safety Officer 1| DOLE | March 2024
- The Dynamics Of Cloud Computing | DICT | February 18, 2024
- Git Introduction to Version Control System: Who to Blame when Deployment Fails?| Tanauan City | April 6, 2024
- Data Analytics using Python Programming Language | Tanauan City College | March 27, 2024
- Cyber Crime Law in PH| Webinar| May 20 , 2021
- Data Center and Network Infrastructure | Tanauan City College | April 1, 2023
- Cloud Computing: A discussion on leveraging cloud technology for IoT Devices | Tanauan City College | April 17, 2021
- Institute of Computer Engineers of the Philippines | ICPEP | October 29, 2022

REFERENCES

Engr. Ralph Laurence G. Visaya

Professor

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