Martin Angelo B. Arboleda

My Contact

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📍 Imus, Cavite / PH

Education Background

- **University of the Philippines Los Baños**
  BS Computer Science
  2019 - 2024

Technical Skills

- **Python**
- **Javascript**
- **C**
- **HTML/CSS**
- **Java**
- **MySQL/NoSQL**
- **Assembly**
- **Flutter/Dart**
- **Figma**
- **YOLOv8**
- **Git**

Soft Skills

- **Problem Solving**
- **Logical Thinking**
- **Fast Learner**
- **Observation**
- **Attention To Detail**

About Me

I am a fresh graduate from UPLB who studied Computer Science looking for a job where my acquired skillset will be maximized in creating or developing technology that has a meaningful purpose. I aim to further hone my skills to create better technology for the people.

Projects & Experience

Sentrify Technologies Corporation, Intern. Military Robot R&D Division - AI Specialist

June - August 2022
- Worked with a team of fellow interns on building a project from the ideation phase up to the client pitch.
- Used YOLO pre-trained models to create a human detection prototype for the project.
- Solely created a wireframe for the application using Figma.
- Greatly contributed in the documentation in all phases of the project.

GWA Verifier

A full-stack system to streamline the GWA verification process and nominating honor students using MERN tech stack where MariaDB is used in place of MongoDB with Knex as the query builder.
- Worked in the back-end team.
- Focused on implementing RESTful API and other backend functions

Social Media Application

Full-stack development of a simple social media application using the MERN tech stack.

Social Media Mobile Application

Front-end mobile development using Flutter/Dart with REST API implementations.

LOLCode Interpreter

LOLCode interpreter purely in Python with Tkinter for GUI. Also implemented simple text editor and terminal.

Real-time Handgun Detection Using YOLOv8

Created a custom dataset which was trained using the YOLOv8 framework and evaluated on different metrics. The model was able to achieve a precision of 85.9% and mAP of 82.6%.