Prince Daniel D. Mampusti

 Philippines   ✉ mampustipd@gmail.com   📞 0920 540 6696   🔗 alyzbane.vercel.app   in pdmampusti

 alyzbane

Objective

I am a motivated individual with a passion for developing efficient and impactful software solutions. I have hands-on experience from college projects, which include data visualization tools and task management applications. I excel in problem-solving and collaboration, and I leverage modern technologies such as Python, C++, and Git. I am eager to contribute my technical expertise and problem-solving skills to meaningful software development initiatives.

Education

First Asia Institute of Technology and Humanities   *Tanauan City, Batangas*
BS in Computer Science   *Aug 2021 to Jun 2025*

- Coursework: Data Structures, Algorithms, Machine Learning, Software Development, Web Development
- GPA: 3.7/4.0, Dean's List

Malvar Senior High School   *Malvar, Batangas*
TVL in Information and Communication Technology   *Jul 2019 to Jul 2021*

- Award: With Honors

Skills

Programming Languages: Python, C, C++, C#, Java

Dev Ops and Version Control: Git, Docker

Web Development Frameworks: Flask, Django, HTMX

Data Science and Machine Learning: Transformers, Scikit-learn, Pytorch, Pandas, NumPy

Certification

CompTIA Information Technology Fundamentals   *May 2024*
CompTIA ITF+

Projects

Snapfolia: Leaf Classification   *trees.firstasia.edu.ph* ↗

- As part of a collaborative work project, me and my team was delegated the task of developing a deep learning model for leaf classification
- Tools Used: Python, YOLO

Barkley: Tree Bark Classification   *barkley.streamlit.app* ↗

- Developed a deep learning model where users can scan and identify trees based on their bark
- Tools Used: Python, Streamlit, Transformers

Semanticlip: Semantic Image Search   *Dec 2024*

- Implemented efficient image search for both image-to-image and natural language queries
- Optimized performance for persistent and in-memory storage
- Tools Used: Python, Gradio, Qdrant

Alamat: Library Inventory System   *Nov 2022*

- Implemented user authentication, access control, and an archive system for historical record maintenance.
- Tools Used: C++