Prince Daniel D. Mampusti

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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

FAITH Colleges (First Asia Institute of Technology and Humanities)   *Aug 2021 to Jun 2025*
BS in Computer Science

- **Coursework:** Data Structures, Algorithm, Machine Learning, Software Development, Web Development

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

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*

- Successfully implemented efficient and accurate image search, enabling both image-to-image search and search by natural language queries.
- Optimized application performance for both persistent and in-memory storage options.
- Tools Used: Python, Gradio, Qdrant

Alamat: Library Inventory System   *Nov 2022*

- Successfully implemented user authentication and access control.
- Developed functionalities for effective inventory item tracking and management.
- Established an archive system to maintain historical records, aiding in data analysis and retrieval.
- Tools Used: C++