



MARINELLE A. TORRANO

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OBJECTIVE

Computer Science student with experience in Android development (React Native), AI/ML (CNNs), and data visualization, seeking an internship to apply technical and analytical skills in solving real-world problems.

EDUCATION

UNIVERSITY OF PERPETUAL HELP SYSTEM DALTA - MOLINO <i>Bachelor of Science in Computer Science with Specialization in Data Science</i>	Bacoor, Cavite 2023 – PRESENT
IMUS INSTITUTE OF SCIENCE AND TECHNOLOGY <i>Bachelor of Science in Accountancy</i>	Imus, Cavite 2022 – 2023
STI COLLEGE – LAS PIÑAS <i>Science, Technology, Engineering, and Mathematics</i>	Las Piñas, Metro Manila 2019 – 2021

TECHNICAL SKILLS

- Programming Languages:** TypeScript, Python
- Data Analysis & Visualization:** Microsoft Excel, Altair AI Studio, Power BI
- Frameworks & Databases:** React Native, FastAPI, NoSQL
- Machine Learning:** TensorFlow Keras
- Tools & Platforms:** GitHub, Microsoft SharePoint

PROJECTS

Full-Stack Android Mobile Application for Learning Baybayin (Thesis Project)	2025
<ul style="list-style-type: none">Independently developed the AI-powered mobile application's frontend, backend, and core features using React Native, Clerk Authentication, and Convex DB (NoSQL), while collaborating with a partner on UI design.Implemented real-time database operations, API endpoints, and AI model integration.	
Baybayin Handwriting Classification Model (Thesis Project)	2025
<ul style="list-style-type: none">Built a convolutional neural network from a reference model capable of classifying handwritten Baybayin characters, with usable performance under real testing conditions.Trained and evaluated the model using TensorFlow Keras, NumPy, scikit-learn, and Jupyter Notebook.	
Customer Sentiment Analysis for Mobile Phone Reviews (Group Project)	2024
<ul style="list-style-type: none">Cleaned and analyzed mobile phone reviews using Microsoft Excel, Power BI, and Altair AI Studio.Coordinated with team members on data preparation, analysis workflow, and presentation materials.	

COURSES AND CERTIFICATIONS

Create Digital Content, Communicate and Collaborate Online (2025)

- Learned practical skills in file management and digital collaboration for remote and hybrid work settings.

IT Specialist - Python (2024)

- Demonstrated foundational Python proficiency, including recognizing, writing, and debugging code to solve problems logically.

IC3 GS6 Level 1 Certification (2024)

- Demonstrated basic digital skills, online collaboration, document creation, information evaluation, and safe digital practices.

Microsoft Digital Literacy (2021)

- Learned basic skills to use Microsoft products, including Word, Excel, PowerPoint, and Outlook.