PAOLO MIGUEL C. MORATO

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SUMMARY

A computer science student who is skilled in web development, software development, databases, machine learning, and Photoshop. Diligent in creating innovative and user-friendly websites, developing efficient software solutions, managing databases, applying machine learning algorithms in development, and utilizing Photoshop for graphic design projects. A consistent academic achiever (President and Dean's Lister) who is eager to learn more and apply my technical skills in the field.

EDUCATION

Polytechnic University of the Philippines
Bachelor of Science in Computer Science
2020 - Current

AMA East Rizal
Science, Technology, Engineering and Mathematics
2018 – 2020

SKILLS

Areas:
Web Development, Software Development
Programming Languages:
JavaScript, TypeScript, Java, Python
Libraries/Frameworks:
React, Express JS, Node JS
DBMS:
MongoDB, MySQL, Oracle DB
Tools:
Codux, Postman, Github, Photoshop

CERTIFICATIONS

Creative Web Design Level III
2021 TESDA

DICT-WD003 Basic JavaScript for Web Development
2024 DICT
Credential ID: 98c8eaf0-3b08-4123-99d1-d3859e51e309

Complete JS Bootcamp | JavaScript Programming in 7 DAYS
2024 Udemy
Credential ID: Credential ID UC-113322a1-a4be-4253-aa73-3e7c3e3de 624

PROJECTS

UniLeather
E-Commerce website about leather shoes that is developed using MERN framework with Stripe and Paypal payment system.
Technologies Stack: MongoDB, Express JS, React JS, Node JS

LinkAlert
An Android SMS application that detects malicious links in an SMS message using a Naïve Bayes machine learning model. The application is coded in Android Studio using Java, while the machine learning model is coded in Python and deployed as an API on Heroku.
Tech Stack: Java, Python, Android Studio, FastAPI

FPR Senti
A web-based tagalog sentiment analysis tool that classifies product reviews as either negative or positive, represented on a scale of 1 to 5 stars, using the Support Vector Machine algorithm.
Technologies Stack: Python, HTML, CSS, Flask

RiverCast: Forecasting Marikina River Level Using Auto-Regressive Transformer with Kernel PCA and Euclidean Kernel
This served as our thesis project, which won 2nd place in a research competition. It is a system that proactively predicts the water level of the Marikina River using a deep learning model. I was tasked with creating the underlying APIs of the model, and I developed the front-end interface of the system using React JS.
Technologies Stack: Python, ReactJS, Flask