John Patrick M. Salangsang
Computer Science Student

0960-366-4606 · salangsangjpmoreno@gmail.com · jpms.github.io/
linkedin.com/in/john-patrick-salangsang · City of San Fernando, Pampanga

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PROJECTS

KAuth: Counterfeit Detection Application for Philippine Peso Banknote using Image Processing through Convolutional Neural Network

- A mobile application made in Flutter, Dart, and TFLite for model deployment.
- With utilization of deep learning, particularly Xception CNN Architecture for model development.
- Github Repository: https://github.com/SalangsangJohnPatrick/KAuth-CounterfeitDetectionApplication

SKIMATA: Web Application for Visualization of CPU and Memory Management Algorithms

- Co-developer, I particularly developed the Non-Preemptive Priority CPU Scheduling Algorithm.
- Javascript, HTML, and CSS are utilized for the development of Frontend and Backend.
- Github Repository: https://github.com/SalangsangJohnPatrick/JavaScript-Skimata

System Analyser: Web Application for Predicting the Estimated Relative Performance of Computer Hardwares using Multiple Linear Regression

- A web application created in Flask framework, HTML, CSS, and Javascript for Frontend, and Python for Backend.
- Github Repository: https://github.com/SalangsangJohnPatrick/Flask-SystemAnalyser

Gaming Equipment Rental Computer Application using JavaFX for GUI

- A Java project with CRUD operation, was made using Apache Netbeans IDE, SceneBuilder, JavaFX, and the database of this project is in XAMPP using MySQL.
- Github Repository: https://github.com/SalangsangJohnPatrick/JavaFX-GamingEquipmentRental

HAUthentiCred: An Ethereum-Based Academic Credential Storage

- Co-developer, particularly in the creation of smart contract using Solidity and Remix Ethereum IDE.
- To integrate the smart contract in web application, NodeJS and Web3.js was utilized.
- Github Repository: https://github.com/SalangsangJohnPatrick/JavaScript-HAUthentiCred

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EDUCATION

Holy Angel University
2021 - Present

Bachelor of Science in Computer Science

- Dean's Lister and President's Lister
- Certifications: AWS Cloud Foundations, Introduction to Cybersecurity, Introduction to IoT, CCNAv7: Introduction to Networks
- INOBASYON: Idea Pitching Competition (2nd Runner Up)

OTHER INFO

- **Skills:** Programming, UI/UX Design, Machine Learning, Data Analysis, Academic Writing
- **Languages:** Python, Javascript, HTML, CSS, Dart, Java, SQL, Solidity
- **Frameworks and Technologies:** Flutter, NodeJS, Flask, JavaFX, Git, MySQL