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EXPERIENCE

Finastra

Ortigas Center, Pasig

Associate Technical Engineer

June 2025 - Present

- Work with core banking frameworks across deposits, lending, loan servicing, and account lifecycle within FusionBanking Equation.
- Replicate and investigate over 15+ client issues by analyzing IBM i, RPGLE, CLLE, and SQL-driven system logic.
- Trace defects across Equation's legacy codebase and validate fixes across product versions.

Dynamic Business Outsourcing Solutions

Quezon City, Metro Manila

Information Technology Intern

May 2024 - September 2024

- Managed and maintained inventory of 1,000+ IT assets, ensuring accurate tracking and compliance.
- Assisted in the setup and maintenance of local network infrastructure.
- Provided hands-on support for 30+ hardware, software, and connectivity troubleshooting cases.

Freelance

Remote

NFT & Web Integration Developer

Dec 2022 - September 2023

- Developed 10+ automated VM environments for blockchain token generation and deployment.
- Integrated 20+ smart contracts into web interfaces, enabling secure digital asset transactions.

Education

De La Salle University

Manila, National Capital Region

Bachelor of Science in Computer Engineering

June 2025 (Expected)

- Focused coursework: Neural Networks, Machine Learning, Artificial Intelligence
- Thesis: Developed a wearable visual aid integrating a custom object detection model and Luxonis DepthAI for 3D spatial inference
- Capstone Project: Created an embedded vision system for real-time situational awareness
- Relevant Tools: Python, OpenCV, TensorFlow, Luxonis DepthAI, Embedded C++, Linux

Skills

- **Technical Skills:** Python, Flask, OpenCV, TensorFlow, PyTorch, Keras, scikit-learn, NumPy, Pandas, Matplotlib, SQL, Git, OpenAI API, LangChain, Linux, DepthAI
- **Languages:** Fluent in English, Fluent in Filipino
- **Core Competencies:** AI Model Training, AI Development, AI System Integration, Prompt Chaining, Backend Web Development, Python Programming, Computer Vision

Projects

Smart Wearable Vision Aid for the Visually Impaired

Capstone Academic Thesis

- Developed a wearable AI-powered visual aid by combining a custom object detection model with a pre-trained Luxonis DepthAI model, allowing for real-time spatial awareness through multimodal inference.
- Contributed to the AI training pipeline, assisting in dataset preparation, augmentation, and model tuning for embedded use.
- Enabled cross-compatibility across multiple microcontrollers through modular serial interfaces and protocol alignment.

- Deployed AI models on a Linux-based embedded system, optimizing for memory and CPU constraints to ensure stable performance on low-spec hardware.
- Integrated fault handling, debugging tools, and communication protocols for improved reliability and responsiveness.

Involvement

De La Salle University - International Educational Tour Student Organizing Committee Tokyo, Japan

Laguna Chair Representative for Documentations Sep 2023 - Dec 2023

- Managed internal and external documentation for 30+ students and 30+ professors, ensuring compliance with university and Commission of Higher Education (CHED) regulations for international travel.

De La Salle University - University Student Government Manila, National Capital Region

Chairperson for Documentations for the Laguna Campus President Year 2019 - Year 2020

- Management of internal and external documentation for over 3 school events and projects, involving more than 300 participants.
- Ensured accurate and timely processing and archiving of all event-related documents, facilitating communication and coordination across departments