

Axcel Justin D. Tidalgo

Quezon City, NCR, 1103 | axcel_tidalgo@dlsu.edu.ph | (+63) 906 573 1682
<https://www.linkedin.com/in/axcel-justin-tidalgo-1a3940217/>

RELEVANT EXPERIENCE

Information Technology Intern

Dynamic Business Outsourcing Solutions • May 2024 - Sep 2024

- Managed and processed **1,000+ company IT assets**, ensuring accurate inventory tracking and compliance.
- Assisted in the setup and maintenance of **a local network project**, contributing to infrastructure improvements.
- Provided IT support for **30+ technical queries**, troubleshooting hardware, software, and connectivity issues.

NFT & Web Integration Developer

Freelance • Dec 2022 - Sep 2023

- Developed and set up **10+ virtual machines** to automate the creation and distribution of NFTs.
- Integrated **20+ custom digital contracts** into websites to enable secure digital asset transaction

EDUCATION

Bachelor of Science in Computer Engineering

De La Salle University • June 2025 (Expected)

RELEVANT PROJECTS

Smart Wearable Vision Aid for the Visually Impaired

Capstone Thesis Project

- Built custom AI models using **TensorFlow, OpenCV, and Python**, optimized for microcontroller-class devices
- Designed and trained models on a custom dataset with **data preparation, augmentation, and hyperparameter tuning**
- Integrated object detection with serial communication, system debugging, and unit testing

MineWatch-AI-PH: Drone-Based Visual Analysis for Open-Pit Mining

Personal Research Project

- Leveraged **OpenAI API with Python** to assess mining site risks from drone footage
- Applied **prompt engineering** and designed structured input datasets for GPT-based environmental observations
- Emphasized modular scripting, data formatting, and iterative output validation

Serverless Password Strength Validator

Personal Project

- Created a serverless API using **AWS Lambda, API Gateway, and Python**
- Incorporated cybersecurity standards to validate password entropy and detect breached strings
- Applied cloud-native practices, REST API design, and testing strategies

INVOLVEMENT

Laguna Chair Representative for Documentations

De La Salle University • *International Educational Tour Student Organizing Committee* • 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.

SKILLS

Soft Skills: Technical Writing, Teamwork, Problem Solving, Continuous Learning

Languages: Conversational in Filipino, Fluent in English

Certifications: Learn Python3, HTML, CSS (CodeCademy). LinkedIn Assessment Test on Python. ISO/IEC 27001:2022. Information Security Management System (Udemy)