

# Jules Albert Deonn S. Lansangan

A highly motivated Computer Science graduate with hands-on experience in machine learning, software development, and web development. Looking to contribute technical and problem-solving skills to a dynamic team and grow in a challenging environment.

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Angeles City, Pampanga, Philippines

## EXPERIENCE

### Full Stack Developer Intern Institutional Database Management Office, Holy Angel University

November 2024 - March 2025

- Created a website using the Laravel framework that streamlined database management by 60% for the university.
- Removed the need for manual labor in gathering board exam results by utilizing AWS Textract and implementing a system that scanned exam results, added them to a MySQL database, and converted them to Excel files.
- Used leadership skills to lead a team of fellow interns in accomplishing tasks while meeting strict deadlines.

### Machine Learning Engineer (Thesis)

July 2023 - October 2024

- Developed a sentiment analysis browser extension for Twitter that uses a hybrid machine learning model to detect and filter negative tweets in real-time.
- Utilized Python and multiple libraries such as scikit-learn, Keras, and TensorFlow to train Support Vector Machine and Long Short-Term Memory models in Google Colab.
- Built a Flask API deployed on an AWS EC2 instance that classified real-time tweet data from the browser extension using the trained hybrid model.

## EDUCATION

### TERTIARY EDUCATION

Bachelor of Science in Computer Science  
Holy Angel University  
2021 - 2025

### SECONDARY EDUCATION

Angeles City Science High School  
2015 - 2021

## INTERESTS

Web Development

AI and Data Science

Software Development

Cloud Computing

## TECHNICAL SKILLS

PHP

Laravel

MySQL

HTML

CSS

JavaScript

Python

AWS

Cloud Computing

Machine Learning

## SOFT SKILLS

Communication

Leadership

Problem Solving

Time Management

## ACHIEVEMENTS

Summa Cum Laude (2025)

Most Outstanding On-the-Job Trainee (2025)

President's Lister (1st - 4th Year) (2021-2025)

CHED Merit Scholar (2021-2025)

## CERTIFICATES

AWS Academy Cloud Foundations (10/2024)

Issued by Amazon Web Services Training and Certification

CCNA: Introduction to Networks (01/2024)

Issued by Cisco

Introduction to IoT (11/2021)

Issued by Cisco

Introduction to Cybersecurity (10/2021)

Issued by Cisco

## PORTFOLIO

