

JULIAN SEBASTIAN A. CADENAS

jscadenas12@gmail.com • +639762091859 • [LinkedIn](#) • [Website](#) • [Github](#)

Education

Far Eastern University – Institute of Technology
BS Computer Engineering

Expected Graduation: October 2025

- FEU Tech Elite Scholarship
- CHED STUFAPS Scholarship

Experience

Spiralytics Inc. – Digital Marketing Agency

Full Stack Developer Intern (Remote)

January 2025 – Present

- Maintained and improved internal applications by identifying and fixing bugs using **Laravel**, **Vue.js**, and **React.js**.
- Assisted in refactoring the codebase to enhance performance and maintainability.
- Assisted Contributed to the development and integration of new features of web applications using **Laravel**.

ICARE - iTamaraw Center for Academic Resources and Enrichment

Student Assistant

January 2021 – December 2024

- Rendered **108 hours** of service every trimester as part of the **FEU Tech Elite Scholarship** Requirement.
- Assisted and tutored students with their academic concerns and faculty consultations.
- Assisted professors in preparing enhancement classes.

Projects

PoultryGuard (Thesis) | [Github](#)

Python, Flask, NumPy, OpenCV, Arduino

- Developed a **Flask** web server for real-time chicken monitoring.
- Fine-tuned a **YOLOv8n** model for detection and integrated a thermal camera using **NumPy** and **OpenCV**.
- Automated microcontroller control via **Arduino IoT Cloud**.

Reddit-Summarize | [Github](#) | [HuggingFace](#)

Python, Transformers, Pandas, Matplotlib

- Fine-tuned the **Facebook BART-Large-CNN** model on a custom dataset of Reddit posts for improved text summarization.
- Processed and tokenized data using **Hugging Face Transformers** to optimize model performance.
- Evaluated the model performance using **ROUGE**, **BERTScore** and **METEOR** metrics.

iCARE Website | [Github](#) | [Link](#)

MongoDB, Express.js, React.js, Node.js, Tailwind CSS

- Developed the **iCARE** platform, FEU Tech's department for booking consultations and tutorials with professors.
- Frontend Development: Built with **React.js** and styled using **Tailwind CSS**.
- Backend Development: Implemented using **Node.js** and **Express.js**, with **MongoDB** as the database solution.

Skills

Languages: Python, JavaScript, C++, Java, HTML, CSS, PHP

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Flask, Tailwind CSS, Scikit-learn, OpenCV, NumPy, Pandas, Matplotlib

Technologies & Tools: MySQL/SQLite, MongoDB, Firebase, Bash, Git, Github, Amazon Web Services (AWS)

Certificates & Training

- IT Specialist - Python
- IT Specialist - Java
- IT Specialist - Networking
- CyberOps Associate - Cisco
- AWS Academy Graduate - AWS
- Applied Data Science with Python level 2 – IBM
- Python for Data Science - IBM
- Data Analysis Using Python – IBM
- Data Visualization Using Python - IBM
- Big Data Foundations Level 2 – IBM

Awards

- Overall Top 11 in Computer Engineering SY21-22
- Overall Top 2 in Computer Engineering SY23-24
- 3rd Term SY2324 Dean's Lister (Silver)
- 2nd Term SY2122 Dean's Lister (Silver)
- CPE Challenge 2023 Java Programming Champion
- MRSP Regional IOT Skills Competition Champion
- DICT Philippine Startup Challenge 2024 2nd Place
- 2nd Place in 2024 Hooked Unitour Hackathon
- Top 5 Finalist Software Solutions: Synergy Hackathon