

Jaeser Mae C. Avila

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Tagum City, Davao del Norte, Philippines

Technical Skills

Programming Languages: Python, R, Java, C++

Web Development: JavaScript, NodeJS, MongoDB, MariaDB

Operating Systems: Linux, Windows

Certifications: Adobe Certified Professional (Graphic Design & Illustration using Adobe Illustrator)

Projects

MedBooks | *Undergraduate Special Problem* | Django (Python), VueJS, MySQL

- Developed a Point-of-Sale system for small retail pharmacies
- Designed a relational database schema for pharmaceutical products
- Incorporated predictive algorithms for sales data analysis
- Developed a user-friendly interface and experience for inventory management and transactions

September 2023 -
January 2024

SHACKer | JavaScript, ReactJS

- Co-developed with the class a web-based grade verifier program for the College of Arts and Sciences for UPLB
- Contributed to designing the UI/UX using Figma and frontend using ReactJS

March 2022 - June
2022

Experience

UPLB College of Arts and Science | Office of the Dean

Student Assistant

- Creating and editing publicity materials using Adobe Creative Apps for their social media platforms and college-wide events
- Assisted in documentation during events

April 2022 - January
2024

Sentrify | Project ALPHA

Frontend Developer Intern

- Implemented the frontend components of a web application using ReactJS
- Collaborated with UI/UX team for user experience improvement and backend team for integration

July 2022 - August
2022

Philippine Genome Center | Core Facility for Bioinformatics

Bioinformatics Intern

- Designed an access control model for a web application using entity-relationship diagrams
- Implemented the ACM using FastAPI, Beanie, Python

June 2022 - July 2022

Leadership

AIESEC in University of the Philippines Los Baños

Team Leader and Local-Committee Vice-President (LCVP) for Marketing

- Functioned as the team leader of the publications and promotions team and Co-LCVP of the Marketing Department of the organization
- Collaborated with partner companies and other departments in creating marketing collaterals and branding guides for social media

Feb 2021 - Feb 2022

Education

University of the Philippines - Los Baños

BS Computer Science | Magna Cum Laude

- Merit Scholar of the Department of Science and Technology

2019 - 2024