

EDUCATION

Visayas State University, Baybay City, Philippines

Bachelor of Science in Computer Science (In Progress). Expected to Graduate in 2026

EXPERIENCE

HarvardX's Completion in Data Science: R Basics, edx

September 2024

- Executed a series of assessments employing statistical techniques to identify trends within datasets; developed 10+ interactive visualizations in R, enabling real-time data interpretation and improving reporting efficiency by 25%.

Skillsforall's Introduction to Data Science – Cisco Networking Academy

September 2024

- Completed a rigorous data science certification program, dedicating 300 hours to mastering concepts and tools, which directly contributed to the successful deployment of AI solutions that enhanced data processing efficiency across departments.
- Explored data science frameworks and tools, developing a personal repository of over 100 resources; this initiative improved knowledge sharing across teams and established a go-to reference for ongoing training and collaboration.

PROJECTS

Plant Botanical Information System, VSU

September 2024

- Played a pivotal role in the development of the VSU Plant Botanical System, contributing 100 hours of UI expertise and projects 90% increase in botanical data accuracy.
- Enhanced client satisfaction and project efficiency by establishing communication channels, conducting nine client consultations over 10 weeks, addressing concerns about geo tagging and accurate and smooth searching and filtering.

Venue Booking System, VSU

May 2024

- Improved Venue booking process, improving availability updates and reservation; now utilized by over 10 student led organization members campus wide.
- Developed a robust .net application and structured SQL database, projecting to cater 80% of the student led organizations as the application's main users.

Study Notes to Flashcard Generator, VSU

November 2023

- Engineered a mobile-focused Text to Flashcard generator web application aiding memory retention during studying; Deepening skills in file processing techniques and string manipulation.
- Garnered feedback from 20 downloads streamlined study process, and higher memory retention.

University Attendance Management System, Personal Project

August 2023

- Spearheaded a collaborative initiative with a fellow Board member to develop a comprehensive project proposal that secured 12 of 12 votes of approval from the Student Council, resulting in 75% efficiency in attendance taking process.
- Ensured data compliance by facilitating three consultations with the University's Legal Office and participating in industry-specific data privacy training that led to the establishment of robust Data Privacy Policies.
- Successfully fulfilled critical roles within the system as Information Security Officer and Data Controller, demonstrating an understanding of the National Privacy Commission (NPC) Guidelines
- Demonstrated technical proficiency and operational efficiency by overseeing system implementation during critical university events and processing 50+ data requests into PDF format, meeting strict deadlines for distribution.

SKILLS

Data Science Tools: R, Python, Excel, Jupyter, Matlab, Numpy, Tensorflow

Database: MySQL, Firebase, Excel, SQLite, PostgreSQL, Firebase

Programming Languages: C, C++, C#, Java, Javascript, Nuxt, Vue.js