
EDUCATION

Bachelor of Science in Computer Science

Visayas State University - Baybay City

2022-Present

PROJECTS

DOMJudge Programming Contest

2024-Present

- Setup a Programming contest platform for VSU-DCST based 100% on DOMJudge API.
- Configure and install an Ubuntu server, used hundreds of Linux commands, configure the UI in the server command line.
- Installed more than 10 modules and packages in a Linux server.

Mabolo Dormitory System

2024

- Developed a C# dormitory management system in one semester. Utilized OOP principles to create modular classes, and implemented a MySQL database.
- Employed unit testing to 70% of classes and uses Figma for UI design.

VSU Accommodation System

2024

- Developed a booking system with more than 5 main features, including booking and payment.
- Employed a NoSQL Firebase database and implemented designs using 100% Tailwind CSS.

SKILLS

- **Languages:** C/C++, C#, Java, Python, SQL, JavaScript, R, PHP
- **Technology:** RStudio, Jupyter, Tableau, VS Code, VS Community, Firebase, Git, MySQL
- **Framework:** Tailwind CSS, .Net, Guna UI, Django

CERTIFICATES

- **Google Cloud Innovators**, Google
- **Data Analytics Essentials**, Cisco
- **Introduction to Data Science**, Cisco
- **Python Essentials I and II**, Cisco

LEADERSHIP

CS3 Head Education Committee

2024-Present

- Collaborated with fellow mentors to create supportive study groups.
- Facilitated a peer-to-peer learning experiences leading to a 30% higher passing rate.
- Managed and analyzed mentor-mentee allocation for 107 mentees.

Mentor

2023-Present

- Mentor for Courses: *Data Structures and Algorithm* and *Fundamentals of Programming*.
- Achieved a 100% passing rate for FOP mentees.

Research Team Leader

2019

- Demonstrated exceptional leadership and research skills by leading a team of young researchers at Dulag NHS. Won 1st place Best Presenter and Poster, 2nd in Paper.
- Successfully conducted a physical science study exploring the potential of locally sourced seaweed as an alternative to sparkling wine.

ACHIEVEMENTS

- Recognized as **Top 2** and **Researcher of the Year**, STEM-Strand at Tanauan National High School
- Awarded as **Consistent University Honor**, VSU - Main BSCS
- Won Best Paper & Presenter at the Division-wide Research Competition among 20 participants.
- Advanced to the Regional-level Research Competition and participated in the International Research Symposium together with 5 different countries.