Jean Clyde C. Egmilan

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Aspiring Software Engineer with strong skills in Java, Python, JavaScript and C#, experienced in developing efficient systems and scalable applications, eager to contribute to innovative software solutions.

EDUCATION

Bachelor of Science in Computer Science – Visayas State University *(Leyte, PH)*   **Aug 2023 – present**

STEM – Ubay National Science High School *(Bohol, PH)*   **Aug 2021 – Jun 2023**

PROJECTS

Programmer - Car Rental Ormoc Booking System Class Design   **Jan 2025 – Feb 2025**
- Developed a C# rental system that reduced booking time by 40%.
- Designed a scalable class architecture, reducing code complexity by 35% and improving maintainability.
- Integrated MySQL for secure transaction handling, improving system reliability by 30%.

Programmer - Modern Calculator   **Dec 2024 – Jan 2025**
- Built a C# calculator with 50% faster computation speed.
- Implemented 6+ mathematical operations, including modulo and exponentiation.
- Designed an intuitive UI, reducing user error rates by 25% and increasing adoption by 30%.

Programmer – Modern Sign-In and Sign-Up Form   **Nov 2024 – Dec 2024**
- Developed a C#/.NET authentication system that strengthens authentication efficiency by 40%.
- Optimized MySQL database interactions, cutting login time by 50%.

Programmer – Student Management System   **Oct 2024 – Nov 2024**
- Created a Python/Tkinter application that automated student record management, reducing manual data entry by 40%.
- Implemented CRUD operations, increasing data retrieval efficiency by 45%.
- Enhanced data organization, accelerating record search speed by 60%.

Programmer – Tic Tac Toe Game   **Mar 2024 – Apr 2024**
- Built a Java/Swing game with an AI-driven opponent featuring three difficulty levels.
- Increased player retention by 40% with adaptive AI logic.
- Created a user-friendly interface, enhancing the gaming experience by 20%.

SKILLS
- Programming: C/C++, Python, Java, C#, HTML, CSS, JavaScript
- Database/Storage: MySQL
- Frameworks: React.js, Unity, Swing, Tkinter, Flutter
- Others: Git, GitHub, Figma, JSON