

MAXENE N. BORCES

+63 976 208 7417 | maxenenborces@gmail.com | Cebu City, PH | github.com/maxeneb

EDUCATION

University of San Jose Recoletos

2021 – 2025

Bachelor of Science in Computer Science, Major in Artificial Intelligence and Web Development
Cum Laude | GWA: 1.34 | Top 5 School of Computer Studies Batch 2025

PROFESSIONAL EXPERIENCE

Firmware Engineer Intern, Lexmark Research and Development Inc.

Feb 2025 – May 2025

- Joined the core competency team to enhance the **Bundles Creation Tool (BCT)**, a web application built with Angular and C# (.NET), using HeidiSQL, delivering 10+ feature enhancements.
- Conducted code debugging and supported firmware assessment via automated test scripts.
- Presented a live demo to internal stakeholders, showcasing implemented features and improvements of the BCT, effectively communicating technical outcomes for deployment.

Full-stack Developer, Alliance Software Inc. JumpStart Program

Aug 2024 – Dec 2024

- Developed the core expense management CRUD module of **BizExpense** – a C# .NET finance app for SMEs.
- Earned a Certificate of Merit for delivering one of the most outstanding projects among 7 teams.

ACHIEVEMENTS

1st Runner-up, Smart Drone Vision Challenge, International Project-Based Learning

2024

- Collaborated with other delegates from Taiwan and Japan for 5 days to implement a **smart drone system**.
- Led the hardware assembly of the drone utilizing Raspberry Pi and programmed gesture control algorithms in Python, enabling precise gesture detection and movement.

2nd Runner-up, Hackathon, School of Computer Studies Days

2024

- Developed the web application of **SpeakUp**, a web-mobile application providing accessible speech therapy for children with speech delay using Angular, delivering a functional prototype within 24 hours.
- Took charge of pitching the application to the judges, highlighting the app's features and functionality.

Most Outstanding School House Representative, USJ-R School of Computer Studies

2024

LEADERSHIP EXPERIENCE

House Representative, School of Computer Studies, USJ-R Supreme Student Council

2023 – 2024

- Head organizer of USJ-R's Opening Week in Basak Campus, managing multiple working committees and collaborating with various student organizations to successfully welcome freshmen students.
- Co-head organizer of Tech Talk ni Jose, a seminar series featuring industry experts on AI and Web3, with over 100 participants demonstrating strong project management skills.

Vice Chairperson, Committee on Insurance, USJ-R Supreme Student Council

2023 – 2024

PROJECTS

- TopIT**: Developed a smart, personalized review system through personalized content delivery using Computerized Adaptive Testing, leveraging the 2-Parameter Logistic model. The system adaptively delivered questions based on estimated user ability, achieving a Standard Error of Measurement of 0.29. Evaluated with a System Usability Scale score of 81, demonstrating strong user satisfaction.
- USJ-R Admin Management System**: Developed a relational CRUD-based university management system in vanilla PHP to handle student, college, and program records from the database given by the department. Implemented entity relationships and user operations without relying on any frameworks.
- DigiAI**: Leveraged transfer learning with MobileNetV2 to build an AI artwork classifier model, achieving 91.7% accuracy. Developed a full-stack web app for real-time classification using Angular and Django REST. Dataset scraped from art-focused SubReddits.

SKILLS

- Tech Stack: PHP (Laravel), C, C#, R, HTML/CSS, MySQL, Java, JavaScript (Angular, React), Python (Django)
- Software/Tools: VS Code, Visual Studio, Git, Google Colab, Jupyter, RStudio, Microsoft Azure, Figma, Jira
- Interpersonal Skills: Teamwork, CollaboraTime Management, Communication, Organized, Dependable