

MAXENE N. BORCES

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EDUCATION

University of San Jose Recoletos

2021 – 2025

Bachelor of Science in Computer Science, Major in Artificial Intelligence and Web Development
Cum Laude | 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.

Aug 2024 – Dec 2024

- Participated in the Jumpstart Program, developing 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 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 Artificial Intelligence 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:** A smart review platform designed to assist students through personalized content delivery, which dynamically selects questions based on the student's ability level using Laravel, Inertia.js, and React.
- USJ-R Admin Management System:** Developed a university-level admin portal to manage students, colleges, and programs using relational CRUD operations, coded purely in PHP without frameworks.
- DigiAI:** Leveraged a transfer learning approach for an AI artwork classifier using MobileNetV2 architecture, achieving an accuracy of 91.7% on a test dataset.
- Amazon Best-Sellers Topic Analysis:** Conducted NLP analysis on the Top 100 Amazon best-selling books, using topic modeling which provided actionable insights to consumer preferences.

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, Time Management, Communication, Organized, Dependable