

JERALD JEFF D. MADERA

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SUMMARY

Enthusiastic Computer Science student with proven experience leading end-to-end project management across various tech initiatives and competitive environments. Skilled in front-end development and UI/UX design, with a strong ability to translate user needs into seamless digital experiences. Adept at coordinating teams, managing timelines, and delivering results under pressure. Known for confident communication, creative problem-solving, and a proactive mindset. Passionate about emerging technologies, especially AI, and continuously driven to learn and innovate.

EDUCATION

Laguna State Polytechnic University San Pablo Campus,
Bachelor of Science in Computer Science
Major in Intelligent Systems

2021 – 2025

EXPERIENCE

CREOTEC - Work Immersion

2019

- Work Immersion in Science, Technology, Engineering, and Mathematics (Senior High School)

FDS ASYA Philippines - Intern

2024

- Gained cross-functional experience by contributing to Quality Assurance, Project Management, Business Relationship Management, and Technical Support, allowing for a broader understanding of the software development lifecycle and improved collaboration across departments.
- Developed the front-end of a geofencing website with a modern, user-friendly interface, prioritizing intuitive navigation and seamless user experience, acting as the **project manager** and **front-end developer**.
- Collaborated in a cross-functional Agile team, participating in weekly sprint planning, stand-ups, and retrospectives to ensure continuous delivery and alignment with project goals.

TECHNICAL SKILLS

Canva | UI/UX| FLUTTER| Microsoft Office | Java | Android Studio | Dart

PROFESSIONAL SKILLS

Great Communicator | Leadership| Project Management| Problem Solving Skills | Public Speaking

AWARDS

FDS ASYA PHILIPPINES — Best Project Award (SPHERE)

2024

FDS ASYA PHILIPPINES — Best Intern

2024

PROJECTS

Elderly Haki

Team Leader | Java | XML | Canva | Android Studio

2025

- Developed an intelligent real-time safety system for elderly monitoring using 3D CNN, achieving 97.03% accuracy in activity classification and fall detection.
- Built an application that optimized and stores monitored workflows, reducing caregiver response time by 30%.
- Implemented Android-based push notifications via Firebase to deliver critical fall alerts in under 2 seconds, enhancing emergency responsiveness.
- Showcased a practical application of machine learning and computer vision in healthcare, with high performance in real-world testing scenarios.

Sphere

Project Manager | Canva | Flutter | Android Studio

2024

- Designed and developed an innovative geolocation-based system called SPHERE, which ensures secure access to a website or application exclusively for users physically located within a defined geographical boundary. Leveraged geofencing and real-time location verification to provide a seamless and secure user experience, demonstrating strong technical skills in web and application development.
- Led in UI/UX design with a focus on responsiveness and usability.
- Recognized as the Best Project among 4 teams for it's design, functionality and user engagement.

PROJECTS

TravelMate	Canva Data Collection	2024
<ul style="list-style-type: none">Developed a mobile app that helped 15+ beta user groups coordinate over 50 planned trips efficiently.Integrated Firebase for real-time data sync across devices (under 1 second latency) and secure storage of 2GB+ user-generated media.Enabled seamless group planning with shared itineraries, media uploads, and task coordination features.		
BAYONG	Canva Project Manager Microsoft Office	2024
<ul style="list-style-type: none">Led the project using Agile methodology, facilitating sprint planning, task delegation, and progress tracking to ensure timely delivery and alignment with user needs.Designed a smart budgeting app performing real-time price checks across 3 stores, providing users with recommendations potentially saving up to 25% on groceries.Enabled users to optimize purchases by dynamically comparing prices, identifying average potential savings of 10% per shopping trip during testing.		
Meowrff!!!	Canva Team Leader	2023
<ul style="list-style-type: none">Designed a mobile game featuring 8 unlockable characters and currency mechanics, achieving 50+ downloads in its initial release phase.		

CERTIFICATION

<ul style="list-style-type: none">Foundations of Project Management, GoogleFundamentals of Predictive Project Management, PMI	<ul style="list-style-type: none">Participation for AppCon 2023 (BAYONG)Participation for International Convention on Engineering and Computer Technology, The EdukCircle, 2023CCS Research Congress 2025 (Presenter)(2nd place)10th iSITE NATIONAL RESEARCH CONFERENCE 2025 (Presenter)
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CHARACTER REFERENCE

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Former Adviser - Laguna State Polytechnic University - San Pablo City Campus