Christopher Orlanda Castro

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EXPERIENCE

AI and Machine Learning Advocate
Aug 2024 - Jan 2025

AI Pilipinas Cebu
- Published AI/ML blogs that garnered 171+ views and 94+ reads, covering real-world applications in healthcare and business, showcasing deep technical expertise and industry relevance.
- Developed and deployed AI-powered web applications, demonstrating practical AI impact in solving real-world challenges, particularly in medical research and predictive analytics.

Lead Researcher – RetinAI
Jan 2025 – Apr 2025

Cebu Institute of Technology – University
- Led a cross-functional team of 3 in developing RetinAI, a mobile AI app for early diabetic retinopathy detection; awarded **Best Research Paper**, **Best Oral Presenter** at CIT's 14th Research Congress, and **1st Place – Best Research Paper (Student Category)** at the **10th Central Visayas Health Research and Innovation Conference.**
- Spearheaded end-to-end development, from AI model training to mobile app deployment, integrating AI image classification with a 3D-printed retinal imaging device.

Software Engineer Intern
Jul 2024 - Nov 2024

Symph
- Developed frontend and database solutions for theonehourproject.app, directly collaborating with clients to deliver high-quality, production-ready software in a fast-paced 1-month sprint.
- Optimized AI-driven UX for the GOAB Photobooth Kiosk, using prompt engineering for an interactive face-swap experience at Geeks on a Beach 2024 and DevFest 2024, impressing investors and developers.

Programs and Speakers Director
Sept 2024 - Present

Google Developer Group Cebu
- Led DevFest 2024's execution, managing program flow and speaker coordination to ensure a seamless, high-impact event.

PROJECTS AND CONTRIBUTIONS *(Check my portfolio for more)*

UseClass - Automated Diagram Conversion | *Next.js, Express.js, TypeScript, Firebase*   Aug 2024 – Dec 2024
- Played a key role to the development of an AI-powered web app that automated 80% of diagram conversions and reduced manual workload by 70% for student users, enhancing productivity and accuracy.
- Integrated an AI chatbot and UX improvements, coordinated a 3-member dev team, and deployed the app on Render—achieving 95% positive feedback from final project evaluations.

Loan Checker AI | *Python, Streamlit, Pandas, Scikit-learn, Google Colab*   Nov 2023 – Jan 2024
- Developed an AI-driven loan eligibility prediction system, leveraging Gaussian Naive Bayes (85% accuracy) to enhance financial decision-making.
- Engineered features, evaluated model performance, and deployed a live dashboard via Streamlit.

TECHNICAL SKILLS

AI and Data Science: TensorFlow, Scikit-learn, Pandas, NumPy, Kaggle
Technologies: JavaScript (TypeScript), Python, C#, Java, SQL, React, PHP, Next.js, Angular, Node.js (NestJS, Express), ASP.NET Core, Spring Boot, Django, Streamlit, Tailwind CSS
Databases, Cloud and Tools: PostgreSQL, Supabase, Firebase, Git, Docker, Postman, Railway, VS Code, Jira

EDUCATION

Cebu Institute of Technology University
Cebu City, Philippines

BS Computer Science
May 17, 2025
- **Cum Laude**