

Michelle Tolentino - Bionote

Michelle Tolentino is a passionate developer and AI/ML enthusiast dedicated to building technology with a purpose. With a strong academic background in Computer Science at Pamantasan ng Lungsod ng Maynila, she has consistently excelled, earning top university honors.

Her experience spans collaborations with international students, including leading AI projects as a Software Engineering Fellow at Headstarter AI, and spearheading data-driven initiatives as the Data Science Committee Lead at Google Developer Student Club (GDSC) PLM. As an AWS AI/ML Co-Lead, Michelle conducts workshops on cutting-edge cloud technologies, empowering fellow developers with practical AI applications.

Michelle has developed impactful AI/ML projects such as a medical triage system, a CNN-based skin cancer classifier, and customer support chatbots. For her thesis, she is enhancing retinal image segmentation, a key task in diagnosing retinal diseases.

Michelle has also led award-winning projects, including the AWS Innovation Cup 2024 for GenAI, where she spearheaded the development of "Agap," an AI-powered medical emergency triage and queueing system prototype. She was also a Top 10 Finalist at the DOST iMake.WeMake competition for creating an automated recycling bin and won a Silver Medal at the Singapore AsianInvent for robotics innovation.

Beyond technical work, Michelle is committed to knowledge-sharing and community engagement, mentoring students in AI/ML, leading bootcamps, and driving partnerships for tech education programs. With a vision of using AI for social good, she continues to innovate at the intersection of technology and accessibility.