

JOSEPH BRYAN M. FERRER

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EDUCATION

Technological Institute of the Philippines
Bachelor of Science in Computer Engineering

Quezon City
Present

University of the East
STEM Strand

Manila
June 2019 - July 2021

SKILLS

- **Languages:** C++, Python, Java, Javascript, SQL
- **Frameworks:** React Native, Pandas, Numpy
- **Tools:** Figma, Canva, Adobe Photoshop, Adobe Premiere, FL Studio, Microsoft Office (Excel, PowerPoint, Word)
- **Platforms:** Android Studio, Visual Studio Code, Linux, MySQL
- **Expertise:** System Administration, Software Development, UI/UX Design, Robotics, IoT & Embedded Systems, Computer Networking
- **Soft Skills:** Public Relations, Content Creation, Problem-Solving, Team Collaboration, Excellent Communication

DESIGN PROJECTS COMPLETED/ RESEARCHES

Design Of Deep Learning-Based Onion Pest Classification For A Mapping System

The project aims to design and implement a deep learning-based onion pest classification for a mapping system that features mobile application for farmers in classifying pests and web application for monitoring and mapping system.

Exclusive Gamified Learning for Students with Learning Disabilities: Enhancing Educational Experiences

The study looks into the effectiveness of gamified learning interventions for students with learning disabilities, with the goal of improving their educational experiences.

CERTIFICATES

Problem Solving & Innovation (Wadhvani Foundation) CERTIFICATE	Feb 2025
DevNet Associate (Cisco) CERTIFICATE	Jan 2025
Build a free website with WordPress (Coursera) CERTIFICATE	Dec 2024
CCNA: Enterprise Networking, Security, and Automation (Cisco) CERTIFICATE	Dec 2024
Create a Lead Generation Messenger Chatbot using Chatfuel (Coursera) CERTIFICATE	Dec 2024
Introduction to Basic Game Development using Scratch (Coursera) CERTIFICATE	Dec 2024
English Certificate 80/100 - C2 Proficient (EF SET) CERTIFICATE	Nov 2024
CCNA: Switching, Routing, and Wireless Essentials (Cisco) CERTIFICATE	Jan 2024

SEMINARS AND TRAININGS ATTENDED

• Exploring AI Interpretability and its Opportunities Technological Institute of the Philippines	October 05, 2024
• Roadmap for IT professionals Technological Institute of the Philippines	October 05, 2024
• Enterprise Resource Planning (Oracle NetSuite) Technological Institute of the Philippines	September 28, 2024
• Simplifying Project Management: Agile's Role in Reducing Chaos Technological Institute of the Philippines	September 28, 2024
• AI for Everyone: Introduction to Machine Learning Technological Institute of the Philippines	September 20, 2024
• Essential Elements of Robotics: Foundations, Design, and Innovation Technological Institute of the Philippines	September 14, 2024
• IoT Application in BMS Technological Institute of the Philippines	September 14, 2024
• Building Multi-Agentive RAG & Generative AI Fundamentals Technological Institute of the Philippines	September 11, 2024
• Gen AI and Not to GenAI Technological Institute of the Philippines	September 07, 2024
• GitOps: Early Steps with Infrastructure as Code Technological Institute of the Philippines	September 07, 2024

EXTRA AND CO-CURRICULAR ENGAGEMENTS AND VOLUNTEER WORKS

• Inhinyera - TIP Quezon City Member	Aug 2024 - May 2025
• Institute of Computer Engineers of the Philippines Student Edition Member	Aug 2024 - May 2025
• Microsoft Student Community Member	Aug 2024 - May 2025
• Plant Visits and Seminars for CPE Auditor	Aug 2024 - Dec 2024
• Computer Engineering Department Student Council Public Relations Officer	Aug 2023 - May 2024
