

IVAN JAMES D. DINEROS

COMPUTER SCIENCE

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PROFILE

Driven and analytical Computer Science graduate passionate about data science, artificial intelligence, and software development. Eager to contribute to innovative projects using strong problem-solving, adaptability, and collaborative skills. Dedicated to continuous learning and delivering impactful technology solutions.

EDUCATION

College	2021 – 2025	Technological Institute of the Philippines - Quezon City Bachelor of Science in Computer Science Graduate
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INTERNSHIP EXPERIENCE

MASSIVE INTEGRATED TECH SOLUTIONS INC. (MITSI)
23 Columbus, Cainta, 1900 Rizal
February 25, 2025 – April 8, 2025

Deployed in NKTi (National Kidney and Transplant Institute)
East Avenue, Quezon City **Total of 200 Hours**

- Provided technical support to healthcare professionals using MITSI’s software.
- Conducted software demonstrations to guide users through system processes and functionalities
- Collected and documented user feedback to improve system usability.
- Assisted in Coding-related Projects and contributed to software enhancements.

PROJECTS

THESIS: Travelmate: A Recommender System for Travelers in Tanay, Rizal Utilizing Hybrid Approach Using Neural Collaborative Filtering and Content-Based Filtering

Created a web-based travel recommender system of Tanay, Rizal that incorporates machine learning and data analytics to provide personalized travel recommendation through a hybrid model of Neural Collaborative Filtering (NCF) and Content-Based Filtering (CBF).

SOFTWARE ENGINEERING: SMILECARE

Created a web-based Appointment Scheduling and Patient Management System for Escalona Dental Clinic in Tanay, Rizal. The system was created to take over the previous index card approach by introducing an online system to manage both patients and their appointments.

CERTIFICATIONS

Data Analysis with Python	February 9, 2021
Data Visualizations and Dashboards with Excel and Cognos IBM	April 8, 2024
Databases and SQL for Data Science with Python	April 17, 2024
Python for Data Science, AI & Development	March 26, 2025
Understanding Cloud Computing	June 2025

SEMINARS AND TRAININGS ATTENDED

Hackin' Good Cybersecurity Webinar	February 9, 2021	Attendee
Digital Startup Development and Acceleration Program (DSDAP) Caravan DICT	August 2023	Attendee
Armor up! : Securing Tomorrow with AI Today	April 8, 2024	Attendee
Cybersecurity Buff: Defending Against SQL Injection and Brute Force Assaults	April 17, 2024	Attendee
From Code to Confidence: Excelling in Your Thesis Defense	March 26, 2025	Attendee

AFFILIATIONS

Microsoft Student Edition - Technological Institute of the Philippines - Quezon City	2023 - 2024	Member
ACM (Association for Computing Academy) T.I.P – QC	2023 - 2024	Member
Junior Information Systems Security Association (JISSA) - TIP Q.C.	2023 - 2024	Member

SKILLS

<i>Technical Skills</i>	<i>Soft Skills</i>
<i>Programming Languages: Python, Javascript, HTML & CSS</i>	Analytical & Critical Thinking
<i>Database Management: MySQL, PHPMyAdmin, PostgreSQL</i>	Effective Communicator & Adaptability
<i>Data Analytics: Data Visualization and Analysis Tools</i>	Team Collaboration
<i>Web Development: API Development and Database Integration</i>	Time Management

CHARACTER REFERENCE

Dr. Karren De Lara
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Department Program Chair
Technological Institute of the Philippines - Quezon City

Mr. Jess Garcia
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CS OJT Faculty-in-Charge
Technological Institute of the Philippines – Quezon City