

Hanz Ivan N. Derico

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EDUCATION

FEU Institute of Technology

Sampaloc, Manila

Bachelor's of Science in Computer Engineering

- CpeO - Member | 2018

TECHNICAL SKILLS

Languages/Frameworks (proficient): Java, C++, Python, Linux, PHP, Laravel, MySQL

Software Proficiency: Adobe Photoshop, Word, Excel, Visual Studio, Oracle VirtualBox, SketchUp, AutoCAD

WORK EXPERIENCE

Ollopa Corporation

Quezon City

AI Department Intern

May 2023 - Aug 2023

- Successfully integrated cutting-edge face swapping software into the company's product, boosting its functionality and user experience, while working on an internship project with five other interns to create it using Python.

Galing Pook Foundation

Quezon City

Website Developer | CollabDev Department

Sept 2023 - Nov 2023

- Collaborated with a team of four interns to design, develop, and debug the Tolosa Health System Project using PHP and the Laravel framework, showcasing expertise in web development and problem-solving.
- This innovative website offers a comprehensive platform facilitating real-time health tracking, fostering a connected community dedicated to improving wellness and healthcare accessibility.

PROJECTS

Living in the Cloud

October 22, 2022

- Hosted a talk in a seminar called 'Living in the Cloud,' discussing how cloud technology shapes our daily lives. Explored benefits, challenges, and responsible use for a balanced approach to the digital world.

TraCoBot: A Self Navigating Trash Collecting Robot using Image Processing

November 2022

- Created TraCoBot, a smart robot that collects plastic bottles (230-350 ml, $\leq 55g$) and specific facemasks (white, black, blue) using advanced image recognition. Built to avoid obstacles and it's a step towards smarter, more efficient waste collection using robotics and technology.

CERTIFICATIONS

- 98-381:MTA: Introduction to Programming using Python
- CCNAv7: Introduction to Packet Tracer
- CCNAv7: Introduction to Networks
- CCNAv7: Switching, Routing and Wireless Essentials
- CCNAv7: Enterprise Networking, Security, and Automation
- Introduction to IoT
- Introduction to CyberSecurity