

KENNETH ROZAL

FRONT-END DEVELOPER

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SKILLS

Python	C++	Javascript
Java	Flutter / Dart	Detectron2

PROJECTS

CofEat Website 2022

Don Honorio Ventura State University

- Provides an online platform for a cafe business called CofEat
- Includes features such as an online ordering, reserving a table, booking an event, and more

Hotel Management System 2022

Don Honorio Ventura State University

- Designed to streamline and automate hotel reservations
- Includes features such as check room availability, reservations, and a backend database for management
- Built in Java and utilizes MySQL database

Digital Signal Processing Software 2023

Don Honorio Ventura State University

- Created to process analog signals to digital signals
- Analog to Digital Conversion, Finite Impulse Response Filter, Moving Average Filter, and Low/High Pass Filter
- Built with Python, TKinter and matplotlib

Implementation of SMART polyethylene terephthalate Bins 2023

Don Honorio Ventura State University

- A smart bin for detecting PET bottles, only allowing PET bottles to thrown in device for proper waste disposal
- Used the YOLOv5 Algorithm and deployed on a Raspberry Pi 4 B
- Built with Python and PyTorch

CERTIFICATES

- Going Online and Beyond: An Introduction to Cloud Computing
- Boost Your Career and Thrive in the New Normal: Application of Machine Learning and Artificial Intelligence Amidst the Pandemic
- Let's Talk Patterns: Behavioral Design Patterns in Software Engineering
- THE MODERN FULL STACK DEVELOPMENT EVOLUTION AND FUTURE

EDUCATION

Bachelor of Science in Computer Engineering

2021 - Present

Don Honorio Ventura State University

- Relevant Courses undertaken: Data Structures and Algorithms, Object Oriented Programming, Software Design, Web Development, Discrete Mathematics, Computer Architecture, Operating Systems