XERXES KYRON OPALEC

B.S. IN COMPUTER SCIENCE

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EDUCATION

Saint Louis University

2018-2024

Edna's School of Alaminos

2014-2018

Colegio San Jose De Alaminos

2006-2014

SKILLS

PROGRAMMING LANGUAGES

Java

Python

Javascript

INTEREST

GAME DEV

AI

DATABASE

APP DEV

WEB DEV

SEMINARS

APPLICATION OF AI AND ML (2023)
- DR. P VAMSI KRISHNA

AFFECTIVE COMPUTING DEVELOPING AN EMOTION AWARE MACHINES (2023)
- DR. RYAN S. EVANGELISTA

SELF-PACED LEARNING MATERIAL ASSESSMENT TOOL WITH TEXT MINING (2023)
- AIRA MERIN & DR. TERESITA R. TOLENTINO

NAVIGATING HORIZONS: ADVANCES IN ARTIFICIAL INTELLIGENCE (2023)
- DR. STEPHAN KUPSCH

DESCRIPTION

As a recent graduate with a degree in Computer Science and a keen interest in developing roles, I am motivated by the opportunity to contribute and apply my skills to the world. My academic experience has provided me with a strong background in programming, algorithm development, and machine learning. I am dedicated to ongoing learning and keeping up with the latest developments in data science and technology.

ACADEMIC PROJECTS

Forecasting Movements of Tropical Cyclone in the Philippines using Python Language   **2024**

Leader

- Developed and Implemented a model using Python Language predicting the coordinates of tropical cyclones in the Philippines. Multiple algorithms were utilized in the project namely Random Forest, Deep Neural Network, and Linear Regression. Each algorithm was narrowly evaluated and compared to provide the most reliable in predicting coordinates

Creation of an Client/Server Exam Form Using Javascript and HTML Program   **2022**

Full Stack Developer

- Designed a client/server exam form utilizing JavaScript and HTML programming, showcasing proficiency in web development and designing interactive user interfaces for efficient data collection and management.

Research Distinguishing Diffusion-Generated Images from Natural Images using a CNN Model   **2023**

Model Creator

- Contributed in the Implementation of a CNN model to research and differentiate diffusion-generated images from natural images, showcasing expertise in computer vision and deep learning techniques for image analysis and classification.

Simulation and Modelling of Transportation Flow in Baguio City   **2023**

Main Committee

- Emulated the transportation flow in Bakakeng Baguio City, analyzing data and designing a comprehensive simulation model to identify traffic congestion points of jeepneys using Python Language and ARENA simulation software.

Formalization of Programming Template Tutorial for Beginners   **2023**

Creator/Compiler

- Devised a comprehensive programming template tutorial for beginners, providing a structured and accessible resource to facilitate the understanding and application of programming concepts in an organized manner.

INTERNSHIP

NOAH Business Applications   **2023**

- QA ANALYST - ensuring the web app's quality and reliability through thorough testing and debugging using Excel.

Rex Bookstore Inc Quezon City, Manila   **2018**

- RESEARCHER - Proposed a business application in which improves the communication and rotation of information in the company