

Cara L. Roño

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EDUCATION

MAPUA UNIVERSITY (2019 - 2023)

Bachelor of Science in Computer Science, Data Science Specialization **Running Average: 1.90**

Courses Taken: Data Warehousing, Computer Network (CISCO), Data Structure and Algorithms, Algorithms and Complexity, Computer Architecture and Organization, Essentials of SAS, It Infrastructure Library Foundation (ITIL)

SKILLS

Python (Pandas, Numpy), C++, PowerBI, SAS, SAP (Basic), RapidMiner, Data Warehousing (Kafka, Spark, Hive), Unix commands (basic), SQL, Microsoft Excel, HTML and CSS, Research.

WORK EXPERIENCE

Machine Learning Intern - OpenGenus (July 2022 - Present)

- Tasked to write machine learning articles.
- Topics include: Hashing function and Neural Networks.
- Remote and flexible internship program.

Research intern - Jesse Robredo Institute of Governance (May - July 2018)

- Assigned to research on e-governance in the Philippines
- Encoded raw data to research

ACADEMIC PROJECTS

Netflix Movie and Series Suggestions

- o Data science project using python.
- o Collected and processed commonly used words per genre in different movies and series using Netflix India Dataset
- o Create topics/groups for different movies/shows. This is helpful for assigning genres and movie recommendations.

Motorcycle Helmet Detection and Classification in the Philippines

- o Coded in python using object detection models: Yolov5, Yolov7, and DeepSORT
- o Classified motorcycle riders and helmet types from video input.

Big Data Streaming Pipeline and Integration Platform

- o Developed a streaming data pipeline that flows data continuously from source to destination
- o Created a database using MySQL to store incoming data from a data producer.
- o Implemented using Connectors using Cassandra and Kafka, Python, MySQL, and Ubuntu.

CERTIFICATIONS

Data Warehouse Concepts, Design, and Data Integration - (**University of Colorado/ Coursera**)

Software Development Processes and Methodologies - (**University of Minnesota/Coursera**)

Introduction to Data Science in Python - (**University of Michigan/ Coursera**)

Operating Systems and You: Becoming a Power User - (**Google / Coursera**)

COMPETITIONS

1st Runner-up Team Cardinal Dynamics - Globe & AWS Inter-University DeepRacer League 2023

- o Trained a reinforcement AI model for a self-driving car using Python using AWS console.
- o Our team of three won 1st runner up out of 20 different teams from different universities.