

Rey Victor Mendillo

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EDUCATION

Mapúa University | August 2018 – present

BS Computer Science, *Specialization: Artificial Intelligence*

Thesis: Analyzing Lexical and Prosodic Features of Bilingual Job Interviews in Predicting Employment Probability

- Awarded Rank 10 among President's Listers for 2 terms with GWA of 1.2
- Granted Full Academic Scholarship for 9 consecutive terms

Honorato C. Perez, Sr. Memorial Science High School | June 2016 – April 2018

Accountancy, Business, and Management

- Achieved With Honors for 3 semesters and With High Honors for 1 semester
- Recognized for Perfect Attendance for 2 quarters

SKILLS

Software Development

Python, Java, C++, OOP, Android Studio, Spring Framework, Agile

Web Development

JS, PHP, XAMPP, MERN, Bootstrap, Flask, HTML, CSS, UI/UX Design

Artificial Intelligence

Classification, Regression, NLP, Tensorflow Keras, OpenCV, Jupyter

Database

MySQL, MongoDB, SQLite

SCHOOL AND PERSONAL PROJECTS

Software Development

- Co-developed real-time optical character recognition app
- Constructed Discord bots with web scraping
- Invented 2 algorithms for music automation
- Completed 6 CPU scheduling algorithms, 6 disk scheduling algorithms, and 3 page replacement algorithms
- Constructed basic algorithm for subnetting and IP addressing

Web Development

- Presented a dynamic web app for AE' Barbershop's client-side and admin-side with parallax scrolling

Artificial Intelligence/Machine Learning/Data Science

- Co-developed cursor movement translation through gesture detection using Deep Learning
- Produced predictive analytics on rotational churner with PyCaret and Cosine Similarity
- Created extractive and abstractive summarization using PageRank and Cosine Similarity
- Demonstrated a simple crime investigation tool using Networkx
- Produced a product recommender system using Association Rule Mining
- Created sentiment analysis using Twitter API and Orange Data Mining
- Solved a music-based knapsack problem with Genetic Algorithm

EXPERIENCES AND ORGANIZATIONS

Associate Back-End Developer, Chimes Consulting | June 15, 2021 – August 4, 2021

- Enhanced Accounting and HR system with CSV export, custom date filters, e-mail automation, and user roles

Peer Adviser, Mapúa Center for Student Advising | March 2019 – present

- Mentored students in programming and mathematics courses

Delegate, HUAWEI Developer Day Philippines | November 30, 2019

Participant, SOIT's Team Building at Caliraya Resort Club | November 23-24, 2019

Member, WebMasters' Guild | August 2018 – present

Member, Association for Computing Machinery | August 2018 – August 2019

Champion (Division), Metrobank-MTAP-DepEd Math Challenge | 2014

Participant (Top 14), DepEd Technolympics: Regional Festival of Talents | 2014

CERTIFICATIONS

TOEIC (B2 Level for Listening, Reading, Speaking, and Writing) by ETS

A Colloquium: Blockchain Experience by Saxion University and Universitas Islam Indonesia

Mathematical Thinking in Computer Science by University of California San Diego and HSE University

Big Data in the Age of AI by Barton Poulson

Java Programming: Solving Problems with Software (with Honors) by Duke University