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Education

Sep 2022 | **BS in Computer Science**, *San Pablo Colleges, Hermanos Belen, Street, San Pablo City.*
Present

Skills and Interests

Interests Data science, Web development, App development, Game development, Linguistics, Fitness

Technologies Python, Javascript, Typescript, R, Java, Php, Dart, Csharp, Bash, Html, Css, React, Nextjs, Codeigniter, Bootstrap, Tailwindcss, Daisyui, Shadcnui, Nextui, Flutter, Postgresql, Mysql, Supabase, Pocketbase, Flask, Streamlit, Ggplot, Pandas, Numpy, Seaborn, Plotly, Sklearn, Git, Github, Jupyter, Linux, Ubuntu, Zorin, Vscod, Photoshop, Indesign, Premiere

Projects

RM Collection Virtual Storefront Platform - 2023, *Next.js, React, ShadcnUi, TailwindCSS, Supabase, Vercel.*

A course requirement in CS Elective 2, virtual storefront platform for a jewelry wholesaler based in Japan.

<https://github.com/hyoaru/rm-collection>

Beyond Decor Portfolio And Inquiry Website - 2023, *Next.js, React, DaisyUi, TailwindCSS, Pocketbase, Vercel.*

A course requirement in AL102. Portfolio and inquiry website system for Beyond Decor, a party and entertainment service.

<https://github.com/hyoaru/beyond-decor>

Google Data Analytics Capstone Case Study - 2023, *Python, R, Tidverse, Pandas, Jupyter.*

A case study on a fictional bike share company based on Chicago. Aiming to gain valuable insights into customer behavior and usage patterns.

<https://github.com/hyoaru/google-data-analytics-capstone-case-study>

Cookhaina Directory - 2023, *Python, Flask, HTML, CSS, Javascript, Bootstrap, Public API, Supabase, Render.*

A web application that functions as a digital cookbook. Built with Flask and utilizes the API provided by The Meal DB to retrieve information about meals.

<https://github.com/hyoaru/cookhaina-directory>

Philippine Poverty Area Estimates Web App Choropleth Visualization - 2023, *Python, Pandas, Numpy, Seaborn, Plotly, Jupyter, Streamlit*.

Web application providing a visual representation using a choropleth map of the estimated magnitude of poor families in the Philippines from the years 2006, 2009, 2012, and 2015.
<https://github.com/hyoaru/philippine-poverty-area-estimates-choropleth/tree/master>

A Not-So-Public Public Board - 2023, *React, Flask, DaisyUi, TailwindCSS, Vigenere Cipher, Github Pages*.

Web application that combines the concept of a freedom public board with a twist of encryption.

<https://github.com/hyoaru/a-not-so-public-public-board>

Expression Converter - 2023, *Java, Java Swing GUI, Data Structure, Stack*.

A course requirement in data structures and algorithm: java application made with java swing designed to provide a user-friendly interface for converting expressions between infix, prefix, and postfix notations.

<https://github.com/hyoaru/expression-converter>

Anagram - 2023, *HTML, CSS, Javascript, Bootstrap*.

A midterm course requirement for CS Professional Elective 1: web-based anagram game made using HTML, CSS, and vanilla JS.

<https://github.com/hyoaru/anagram>

Data Visualization: Prime Number Forest - 2023, *Python, Pandas, Numpy, Plotly, Github Pages*.

An interactive data visualization made with python, plotly, pandas, and numpy, of how prime numbers from 1 - 200 would look like if it was a forest.

<https://github.com/hyoaru/prime-number-forest-3d>

Old Portfolio - 2022, *React, Bootstrap, Github Pages*.

My old personal portfolio that I made back when I was in my first year of college.

<https://github.com/hyoaru/old-portfolio>

SPARTA Capstone: Data Science and Machine Learning using Python - 2022, *Python, Pandas, Numpy, Scikit-learn, Jupyter, Xgboost, K-Neighbours Classifier, Logistic Regression, Random Forest Classifier*.

A machine learning peer graded capstone of Smarter Philippines through Data Analytics R&D, Training and Adoption (SPARTA).

<https://github.com/hyoaru/sparta-data-science-and-machine-learning-using-python>

SPARTA: Representing Data and Feature Engineering - 2022, *Python, Pandas, Numpy, Scikit-learn, Jupyter, Logistic Regression, Random Forest Classifier, Support Vector Machines*.

A machine learning peer graded assignment of project SPARTA. Implementation of feature engineering on adult income data set.

<https://github.com/hyoaru/sparta-representing-data-and-feature-engineering>

SPARTA: Supervised ML Binary Classification - 2022, *Python, Pandas, Numpy, Scikit-learn, Jupyter, Logistic Regression, Random Forest Classifier*.

A machine learning peer graded assignment of project SPARTA. Implementation of machine learning classification on breast cancer wisconsin diagnostic data set.

<https://github.com/hyoaru/sparta-supervisedml-binary-classification>

SPARTA: Unsupervised ML Clustering - 2022, *Python, Pandas, Numpy, Scikit-learn, Jupyter, KMeans Clustering, DBSCAN, Agglomerative Clustering*.

A machine learning peer graded assignment of project SPARTA. Implementation of machine learning clustering on iris plants data set.

<https://github.com/hyoaru/sparta-unsupervisedml-clustering>

Declutter - 2022, *Python, Flask, HTML, CSS, Bootstrap, Supabase, Render*.

Web application that provides a platform for users to write and share their thoughts in a clutter-free space.

<https://github.com/hyoaru/declutter>

Accomplishments

Google Data Analytics Capstone: Complete a Case Study, *Jul 2023*.

Google

Data Analysis with R Programming, *Jun 2023*.

Google

Share Data Through the Art of Visualization, *May 2023*.

Google

Analyze Data to Answer Questions, *Apr 2023*.

Google

Process Data from Dirty to Clean, *Mar 2023*.

Google

Prepare Data for Exploration, *Jan 2023*.

Google

Foundations: Data, Data, Everywhere, *Dec 2022*.

Google

Ask Questions to Make Data-Driven Decisions, *Nov 2022*.

Google

Computing in Python, *Feb 2022*.

Project SPARTA PH

Computing Microspecialization Pathway, *Sep 2022*.

Project SPARTA PH

Data Science and Machine Learning Using Python, *Sep 2022*.

Project SPARTA PH

Data Visualization Microspecialization Pathway, *Sep 2022.*

Project SPARTA PH

Methods and Algorithms Microspecialization Pathway, *Sep 2022.*

Project SPARTA PH

Build Python Web Apps with Flask, *Aug 2022.*

Department of Information and Communications Technology - Philippines

Analyze Data with Python, *Jul 2022.*

Department of Information and Communications Technology - Philippines

Basic Statistics With Python, *Jul 2022.*

Department of Information and Communications Technology - Philippines

Experimental Design and Analysis, *Jul 2022.*

Project SPARTA PH

Programming for Beginners Using Python, *Jul 2022.*

Project SPARTA PH

Programming for Intermediate Users Using Python, *Jul 2022.*

Department of Information and Communications Technology - Philippines

Visualize Data with Python, *Jul 2022.*

Department of Information and Communications Technology - Philippines

Statistical Analysis and Modeling Using SQL and Python, *May 2022.*

Project SPARTA PH

Computing in Python, *Feb 2022.*

Project SPARTA PH

Data Visualization Using Tableau and Python, *Feb 2022.*

Project SPARTA PH

SQL for Business Users, *Feb 2022.*

Project SPARTA PH

Storytelling Using Data, *Dec 2021.*

Project SPARTA PH

Dashboards and Drill-Down Analytics, *Sep 2021.*

Project SPARTA PH

Data Visualization Fundamentals, *Sep 2021.*

Project SPARTA PH

Data Management Fundamentals, *Mar 2021.*

Project SPARTA PH

Essential Excel Skills for Data Preparation and Analysis, *Jan 2021.*

Project SPARTA PH

Getting Grounded on Analytics, *Dec 2020.*
Project SPARTA PH