Jella Mariz A. Pintor

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Education

Polytechnic University of the Philippines   Sta. Mesa, Maynila
Bachelor of Science in Computer Science   *2021 – Present*

- **Relevant Coursework:** Computer Programming 1 & 2, Object Oriented Programming, Data Structures and Algorithms, Information Management, Software Engineering 1 & 2, Web Development, Introduction to Artificial Intelligence

Skills Summary

- **Language:**   Python, C#, SQL (Postgres| SSMS), JavaScript, HTML, CSS
- **Tools:**   Git, Excel, Power Point, MySQL, WireShark, Burp Suite
- **Platforms:**   Visual Studio 2022, Visual Studio Code, PyCharm, SSMS, Google Colab
- **Soft Skills:**   Adaptable, Time Management, Communication, Team Player, Eager to learn

Experience

Developer - Intern   July 2024 – Sept 2024
Creative Dynamix Solutions Inc.   *Manggahan, Pasig City*

- Hands-on experience in Microsoft Dynamics 365 CRM development, specializing in X++ programming, form creation, report generation, and system customization.

- Developed a Fleet Management System as part of training, improving vehicle tracking and resource management.

- Integrated one-time location addresses into remittance locations for invoice journals, enhancing financial processes.

- Created custom views to improve system functionality and data accessibility.

Projects

HaraBuzz System / *Python, Flask, HTML, CSS, Javascript*   Sept 2024 – Jan 2025

- Developed an AI-powered UAV-based detection system for assessing Onion Armyworm infestations in onion crops, integrating computer vision and deep learning.

- Implemented UNet++ for water droplet segmentation and YOLOv8 for infestation severity classification using python, enhancing precision in pest detection.

- Designed a custom dataset of UAV images and trained deep learning models to automate and improve infestation monitoring for farmers.

- Processed high-resolution aerial imagery using Roboflow, Google Colab, and PyTorch, optimizing model performance.

SpendWise: Budget Tracker / *SQL Server Managment Studio (SSMS), Visual Studio C#*   Feb 2024

- Developed a budget tracking application using C# with a graphical user interface (GUI).

- Integrated database connectivity with SQL Server Management Studio (SSMS) for data storage.

- Enabled users to add, update, categorize, and delete income and expense records.

- Implemented CRUD operations to manage financial data efficiently.

Co-curricular Activity

AWS Cloud Club - PUP MANILA   Sept 2023 – Jan 2025
Junior Data Analyst

- Participated in AWS Cloud Club Student Community Day (April 2024) at PUP Manila, engaging with cloud technology enthusiasts and professionals.
- Attended hands-on workshops on Python for Data Analytics:
  - **Python Data Analytics Workshop 01: Basic Python** (Feb 2024): Focused on Python fundamentals for data analysis.
  - **Python For Data Analytics Session 2: Intermediate Python** (Mar 2024): Covered advanced Python techniques and data manipulation using libraries like Pandas and NumPy.