Dinothelo Polbos Quiroga

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Summary

Recent Bachelor of Science in Computer Science graduate with a strong foundation in web development, database management, and game development. Proficient in HTML, CSS, JavaScript, Python, C++, PHP, SQL, Jupyter Notebook, and GD Script. Experienced in Machine Learning and A.I. through thesis research, and skilled in using Blender for 3D modeling and the Godot engine for game development. Completed an IT internship at the City of General Trias Doctors Medical Center, Inc. Can quickly adapt, likes to solve problems and eager to contribute in Tech world.

Experience

IT Intern   July 22 – August 28, 2024 (240 hours)
City of General Trias Doctors Medical Center, Inc.   General Trias City, Cavite

- Troubleshoots connectivity issues, repaired malfunctioning printers.
- Monitors and backups CCTV systems for security.
- Set up audio equipment for hospital events and TV displays in various departments and vicinity of the hospital.
- Encodes in BizBox Hospital Information System software.
- Designed visual content, including employee IDs, using Photoshop and Canva.

Education

Cavite State University – Don Severino Delas Alas Campus (Main)   Indang, Cavite
Bachelor of Science in Computer Science   2021-2025

- 3rd Gawad Durungawan | 1st year - Top 11 | GPA: 1.21
- 4th Gawad Durungawan | 1st year - Top 20 | GPA: 1.57

AMA Computer College – Cavite Campus   General Trias City, Cavite
Science Technology Engineering Mathematics   2019-2021

- Graduated with High Honors

Projects

Thesis
"Performance Analysis of Generalized and Specified News Category SVM Models for Fake News Detection Using Categorized Datasets and Sentiment Analysis"

- Developed a machine learning–based fake news detection website that classifies news articles as credible or not credible.
- Compared generalized and category-specific SVM models for improved news classification accuracy.
- Implemented models in Python using NumPy, Scikit-learn, Pandas, and TF-IDF vectorization.
- Integrated sentiment analysis, web scraping, and confidence scoring to enhance detection performance.
- Utilized data visualization tools (Matplotlib and Seaborn) to analyze model performance, feature distributions, and sentiment trends.
- Designed the web interface using Gradio, enabling user interaction and real-time fake news detection.

DnD Libraries
- An Open-Source Document Management System that enables users to store, organize, retrieve, and share files and documents efficiently.
- Facilitates seamless collaboration on documents while ensuring data security and ownership.
- Built using PHP, HTML, CSS, and JavaScript with MySQL database (managed via phpMyAdmin), running locally on XAMPP.

Pep Squad Apparels
- An e-commerce system store that specializes in providing stylish and high-quality apparel.
- Includes a user-friendly interface, detailed product catalog, secure payment options, order tracking, and customer support for a seamless shopping experience.
- Built using PHP, HTML, CSS, and JavaScript with MySQL database (managed via phpMyAdmin), running locally on XAMPP.

Certifications

- Certificate of Completion | HP Life Online Course
    - **Data Science & Analytics** | Issued: July 15, 2025
- Certificate of Completion | IBM Coursera
    - **Introduction to HTML, CSS, & JavaScript** | Issued: July 15, 2025
    - **Python for Data Science, AI & Development** | Issued: July 15, 2025
    - **Introduction to Software Engineering** | Issued: July 20, 2025
- Certificate of Completion | LinkedIn Learning Online Course
    - **Introduction to Web Design and Development** | Issued: July 15, 2025
    - **CSS Fundamentals: Unlocking the Power of Web Styling** | Issued: July 18, 2025
    - **Hands-On Introduction: JavaScript** | Issued: July 18, 2025

References

- **Edrichel Abadies** – Specialist 2, Invoice to Pay Emerson Electric Asia Ltd. | ROHQ SM Megatower, Mandaluyong City
- **Louel Esquejo** – OIC IT Department in CGTDMC | facebook.com/louel.esquejo
- **Shennah Rose Dapulag** – Employee Engagement Specialist | shennahrosedapulag@gmail.com
- **Marc Elvin Cerezo** – Instructor | marc.cerezo@cvsu.edu.ph | 0961-828-7999