

ADRIEL KYLE C. CASILI

Web Developer

Profile/Objectives

I'm a third-year Computer Science student with a strong interest in coding, data analysis, and problem-solving. I've worked on academic projects involving data encryption, algorithm selection, and basic machine learning applications. I'm excited to apply what I've learned in real-world settings, contribute fresh ideas, and gain hands-on experience in the tech industry. I'm eager to explore new technologies and continuously improve my skills, especially in data science and artificial intelligence.

Seminars/Webinar Attended

- Blockchain Club Presentation
- "11th International Webinar: Deep Fake News Detection"
- "10th International Webinar: Grey Wolf Optimization Technique in Machine Learning"
- 8th International Webinar entitled "Innovation in IoT for Smart Applications"
- 7 th International Webinar: Modern Technology of Parallel and Distributed Programming
- Seminar on innovation practices in the area of Wearable computing

Skills


- Programming Languages & Web Development
- HTML & CSS – Able to create responsive and accessible web pages with semantic structure and modern styling practices.
- Python – Proficient in data manipulation, scripting, and automation using libraries such as pandas and NumPy.
- Version Control & Collaboration
- Git & GitHub – Experienced in version control, managing repositories, and collaborating on coding projects.
- Data Analysis & Visualization
- Tools – Skilled in using Excel for basic data manipulation, RapidMiner for data mining, and Tableau for creating interactive dashboards.
- Python Libraries – Experienced with matplotlib, seaborn, and plotly for creating detailed data visualizations.
- Statistics & Data Interpretation – Solid understanding of regression, clustering, hypothesis testing, and other statistical methods.
- Data Engineering & Management
- Data Preprocessing – Skilled in data cleaning, feature engineering, and preparing datasets for machine learning.
- Database Management – Experience with SQL databases, schema design, and efficient data retrieval.



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Education Background

Primary:

Naga Central School I

2006 – 2008

Secondary:

Millennium Christian Highschool

2017–2020

Tertiary:

**University of Perpetual Help System
DALTA-Molino Campus**

2022 present

Language

English

Filipino

Projects and Experience

- Personal Portfolio Website
- Built a responsive personal portfolio using HTML and CSS to showcase projects and skills.
- Applied clean design principles for an organized and professional look.
- Managed source code and project updates using GitHub for version control and hosting.
- Python Data Processing Tool
- Developed small-scale Python scripts for automating data processing tasks.
- Utilized Python libraries to clean, transform, and organize datasets for analysis.
- RapidMiner Data Analysis
- Performed dataset analysis using RapidMiner, including preprocessing, feature selection, and model testing.
- Applied classification and prediction techniques to generate insights from data.
- Network Simulation with Cisco Packet Tracer
- Designed and simulated network topologies using Cisco Packet Tracer.
- Configured basic network devices to test connectivity and troubleshoot potential issues.

Reference:

Prof. Maria L. Santos
Professor, Computer Science Department

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Mr. John R. Dela Cruz
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