

JAIRA MILLICENT M. SANTOS

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Talon V, Las Piñas City, Metro Manila, 1747, Philippines

SUMMARY

As an experienced Web Developer **skilled in both front-end and back-end technologies**, I have built a strong foundation in creating dynamic web solutions. This expertise is complemented by my thesis work, which provided me with a deep understanding of **data and machine learning**. **Graduating Magna Cum Laude** in Computer Science from De La Salle University underscores my commitment to excellence, while my leadership experience has refined my abilities in project management and agile adoption of new technologies.

WORK EXPERIENCE

Arden Consult

Freelance Web Developer

June 2024 – Present

- Designed and developed responsive, performance-focused websites.
- Built dynamic user interfaces with HTML, CSS, JavaScript, and React.js.
- Developed backend functionality for improved client communication.
- Deployed websites: ardenconsult.org

Spiralytics, Inc.

Makati, PHL

Web Development Intern

June 2023 – August 2023

- Enhanced user experience and functionality on company websites.
- Worked on website maintenance tasks for a PHP Laravel and Vue-based site.

RESEARCH EXPERIENCE

De La Salle University - Manila

Pinoybaiting Videos and Filipino Audiences: A Computational Analysis of User Interactions Over Time

Sept. 2023 – July 2024

- Developed *Bidirectional Encoder Representations from Transformers* (BERT)-based models for sentiment analysis.
- Analyzed trends in 8+ million YouTube comments using Python and relevant libraries.
- Research selected for presentation at the 2024 International Conference on NLP and Information Retrieval.

LEADERSHIP EXPERIENCE

Computer Studies Government

Manila, PHL

Chief of Staff

January 2023 – December 2023

- Led initiatives impacting 3,000+ students.
- Supervised 8 committees, executing more than 10 college-wide projects.
- Maintained and enhanced college-wide communication platforms

Assistant Director for Student Services

October 2021 – December 2022

- Assisted over 3,000 students with university-related concerns.
- Implemented data analysis systems for improved process efficiency.

La Salle Computer Society

Manila, PHL

Vice President for Socio-Civic

September 2022 – August 2023

- Organized and executed various events and activities, catering to over 900 students
- Led projects spanning a variety of areas, including socio-civic engagement, fundraisers, and computer literacy programs

EDUCATION

De La Salle University

Manila, PHL

Bachelor of Science in Computer Science - Major in Software Technology

Expected Graduation Date: October 2024

Concentrations: Machine Learning, Web Development, Data Analysis

CGPA (April 2024): 3.666 / 4

- Frequently acknowledged on the **Dean's List** for the majority of my academic terms
- Magna Cum Laude Standing**
- Society of Proactive Role Models INspiring Total Development (SPRINT): Member of an exclusive organization under the Associate Dean of the College of Computer Studies, for students who have above-average academic standings

SKILLS AND INTERESTS

Interests: Web Development, UI/UX Design, Intelligent Systems, Data Analytics

Languages: Native Filipino speaker; Fluent in English

Technical Skills:

- Programming Languages:** C, C#, Java, Python, Verilog
- Frameworks and Libraries:** Flask, Express JS, Node JS, React, Vue, Bootstrap, Tailwind, JavaScript, pandas, matplotlib, seaborn, scikit-learn, spaCy, and NLTK
- Web Development:** HTML, CSS, Webflow
- UI/UX:** Figma, Spline
- Databases:** MongoDB, SQL