

# Jose Angelo A. Pascua

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https://josepascua01.github.io/jose-angelo-pascua-portfolio/

## Summary

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Engineering graduate with a foundational background in Electronics Engineering and a commitment to enhancing software performance. - Optimized station equipment during an Electronics Engineering internship, ensuring seamless broadcasting operations. - Proficient in HTML, CSS, and JavaScript, with experience in debugging and testing systems. Aspires to leverage technical skills and problem-solving capabilities to contribute effectively as a Software Engineer.

## Education

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### Mariano Marcos State University

Bachelor of Science, Electronics Engineering

- Achievements: Cum Laude

## Work Experience

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### DZJC Aksyon Radio Laoag

Electronics Engineering Intern

Brgy. 29, J. P. Rizal St, Laoag City, Ilocos Norte

Jun 2023 - Jul 2023

- Managed and optimized station equipment, ensuring continuous program broadcasting.
- Tested existing systems for compatibility and minimized downtime, demonstrating adaptability in a dynamic environment.

## Projects

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Braille'iant: Braille Embossing System Integrated with Optical Character Recognition

- Built and programmed an automated Braille embossing system with 656 lines of Arduino code and 17 lines of JavaScript, integrated with Optical Character Recognition for the visually impaired.
- Implemented a text-to-Braille converter in the system's software, which translated typed text into Braille patterns for embossing.

ULTRA: UV Light disinfection Through Remote Automation

- Developed and programmed an automated UV-C light disinfection system for campus classrooms, reducing costs compared to manual labor and implemented successfully in 1 school, with 20 users benefiting from enhanced safety measures during the COVID-19 pandemic.

## Skills

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**Technical:** Computer Networking, Microsoft Office, Arduino Programming, CSS, HTML, JavaScript, Adobe Photoshop, Video and Audio Editing

**Language:** Fluent in English (Work Proficiency), Filipino (Work Proficiency)

**Soft skills:** Time-management, Adaptability, Dynamic Environment Adaptability, Communication, Leadership, Decision-making, Problem-solving, Quick-learning

## Leadership Experience

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### Institute of Electronics Engineers

of the Philippines – MMSU Student Chapter

**President** (September – December 2022)

- Spearheaded the passage of 8 resolutions, achieving a 100% completion rate before the end of the term.
- Coordinated initiatives with board members, driving a measurable increase in organizational membership.

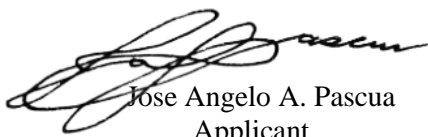
**Vice President for External Affairs** (2020-2021)

- Led projects that earned the organization 4th place among all student organizations in the university.
- Organized and hosted a webinar series, attracting 96 attendees and fostering student participation.

**Athletic Manager** (2019-2020)

- Collaborated with board members on events and activities, successfully boosting membership engagement and growth.

I hereby declare that the above-mentioned information is true and correct to the best of my knowledge and ability.

  
Jose Angelo A. Pascua  
Applicant