

CASUGA, JOHN MARK

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A highly motivated and detail-oriented Registered Mechanical Engineer seeking an entry-level position where I can apply my theoretical knowledge and hands-on skills to contribute effectively to innovative projects. Eager to collaborate with experienced professionals to further develop my capacity in design, analysis, and problem-solving within the mechanical engineering field.

EDUCATION

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Don Mariano Marcos Memorial State University – Mid La Union Campus

JUNE 2023

- Member of Philippine Society of Mechanical Engineer
- Relevant Coursework: Engineering Management, Industrial Plant Engineering, Safety Management
- Scholarship: CHED – TDP

PROJECTS

WHEELED AGRICULTURAL SPRAYER (WAS)

CAPSTONE PROJECT

JUNE 2021- 2022

- Led team to design and build an Ultra Low Volume (16L) agricultural sprayer with a Field Application Efficiency rate of 85% in dry land condition.
- Performed design improvements through use of Linkage Mechanism Designer and Simulator and hand calculations.
- Developed a robust yet sustainable output with a Field Capacity of 2,426 square meter per hour and can be repaired by readily available components.

CERTIFICATIONS

REGISTERED MECHANICAL ENGINEER

PROFESSIONAL REGULATION COMMISSION

APRIL 2024

MICROSOFT 365 FUNDAMENTALS

COURSERA

APRIL 2024

GOOGLE PROJECT MANAGEMENT

COURSERA

MARCH 2024

SAFETY OFFICER 2

BUSINESS ENTERPRISE AND CAREER MENTORS INCORPORATED

JUNE 2022

SKILLS

- Microsoft Apps: Office 365
- CAD Software: AutoCAD
- 3D Modelling Software: Revit, Revit MEP
- Research and rapid application design
- Good conversational and interpersonal skills
- Fluent in English, Tagalog, Iloko