


Maximo Laurente III

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OBJECTIVE

Passionate mechanical engineer looking to be surrounded by advancing technologies and innovations. Determined not just to witness but to also become part of evolving industrial society. Innate problem-solving and experimental thinking has led me to hobbies and interests that hone many of my engineering skills. Flexible with various environments and people. Can teach and be taught.

SKILLS

Software

Autodesk Fusion 360
SOLIDWORKS
Ansys
Python, MATLAB
Arduino

Technical

Machining (lathe, mill, drill)
Welding (SMAW)
Automobile repair
Engine Assembly
Electronic prototyping

Personal

Determined and Disciplined
Problem solving
Fast-Learner
Effective communicator
Initiative and Proactive

EDUCATION and LICENSES




- **University of the Philippines Diliman** (Class of 2023)
 - Graduate of Bachelor of Science in Mechanical Engineering
- **TESDA: Technical Education and Skills Development Authority** (2022-2027)
 - National Certificate II (NC II) – Shielded Metal Arc Welding (SMAW)
- **PHILIPPINE PROFESSIONAL REGULATORY COMMISSION** (2024-2027)
 - Registered Mechanical Engineer ID#0122627

EXPERIENCE

- **UP Gears and Pinions**
 - Membership Committee Head (2018-2019)
 - In-charge of training and introducing new applicants to the organization's events and activities through regular mentoring sessions and counselling.
 - Alumni Committee Head (2019-2020)
 - Became the representative for communication with alumni to discuss events and opportunities for collaborative activities between undergraduates and graduates since 1960s.

NOTABLE PROJECTS

Internal Combustion Engine Built a hand cranked prototype of a V4 engine with corresponding intake and exhaust valves with combustion indicators.	Power Plant Design Estimated a local region's power demand and energy availability; and designed a wind turbine power plant using simulated airfoil profiles using simulations.	Machine Design Built a wearable prototype of a COVID-19 prevention device with the help of CAD and Arduino.	Link to ff. projects 
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