JOSE MA. ANTONIO M. VILLANUEVA

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WORK EXPERIENCE

C&U Philippines, Inc.
Project Management Engineer – R&D Department | Sto. Tomas, Batangas   *Feb 2022- June 2022*
- Lean Manufacturing Training on the PHRB – Deep Groove Ball Bearing Production Line and Assembly Line;
- Modification of protocols for the production line and Process improvement for the Superfinishing machine - Analysis and Technical Summary.

Mitsubishi Hitachi Power System, Ltd.
Intern – Remote Monitoring Center | Alabang, Muntinlupa   *May - July 2019*
- Assisted in the creation of Human-Machine Interface which serves as platform to monitor essential parameters for one of their client's power plant;
- Weekly reports discussing the different system loops and details specific in the client's power plant.

UP Engineering Society   *2018 – 2020*
*Overall Lead, HeadsUP 2018 (*August – September '*18)*
- Planned and implemented the 2018 HeadsUP, a series of review sessions with high school students to prepare for UP College Admission Test (UPCAT). Total of 200 high school students from three schools participated in 2018;
- Handled the overall administrative and logistical preparation, including coordination with subject instructors, assessment and finalization of review materials, preparation and delivery of mock exams, and provided tips and tricks for UPCAT.

Lead, Surge 2018-19 Schools (*February '19)*
- Successfully marketed to 6 schools and other students for their participation of our Engineering Symposium and tour around different laboratories of the College of Engineering in UP Diliman bringing the total participants to around 140 students.

Lead, Outreach Program (September '19)
- Coordinated an ocular visit at Save San Roque site, interviewed and understand areas for potential support; Led budget preparation and allocation to provide assistance to the community; and
- Managed logistical preparation for members to participate to the outreach activity.

Web Science Group, Department of Computer Science – UP Diliman.
Intern – Web Science Lab | Diliman, Quezon City   *Apr - May 2014*
- Assisted in creating views for a prototype website for the Department of Computer Science using Django-Python framework

EDUCATION

Licensed Mechanical Engineering (0110704)
Professional Regulation Commission (August 2021)

Bachelor of Science in Mechanical Engineering (July 2020)
College of Engineering | University of the Philippines Diliman

Secondary Education (April 2015)
Philippine Science High School Bicol Region Campus | Graduated with Honors

CERTIFICATES AND TRAININGS
Google Cloud Fundamentals: Core Infrastructure | Coursera (September 2022)
Python and Django Web Development | Udemy (August 2022)
Edu-Connect Delegate | Edu-Connect Southeast Asia Association, Kaohsiung, Taiwan (September 2019)

SKILLS AND COMPETENCIES

- Python
- Django
- JavaScript
- React
- PostgreSQL
- Git