

JOSE MA. ANTONIO M. VILLANUEVA

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RELEVANT WORK EXPERIENCE

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.

Director for Recreation (August – December '18)

- Organized social and team building activities to improve membership of the organization.

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, Overall Engineering Week (February – March '19)

- Lead the organization through Engineering Week, an intercollegiate event wherein organizations prepare and compete in events requiring various capacities.
- Directed overall administrative and logistical preparation for the events headed by the organization, PEngg-Pong (Table Tennis), Curtain CallEngg(Recreational Competition), and Likha (Spoken Poetry)

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.
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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

Building Information Modelling – Autodesk Revit (Mechanical, Electrical, Plumbing) | Microcadd Institute (November – December 2021)

Edu-Connect Delegate | Edu-Connect Southeast Asia Association, Kaohsiung, Taiwan (September 2019)

Training in the fundamentals of Powerplant Operation | Mitsubishi-Hitachi Power Systems (May 2019)

KEY SKILLS AND COMPETENCIES

Analytical and Problem-solving skills

Planning, Organization, and Implementation

Basic Knowledge in Coding and CAD

Proficient in Microsoft Office Suite