

# ALBERT C. TUSI

## MECHANICAL ENGINEER

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A hardworking and responsible Mechanical Engineer, seeking for a career opportunity that will fully utilize my expertise and knowledge while making a significant contribution to the success of the company.

## EXPERIENCE

**SEPTEMBER 9, 2020 – PRESENT**

**MECHANICAL ENGINEER, LEXAND MECHATRONICS AND INDUSTRIAL SERVICES**

- Chilled water FCU Installation: Hauling and placing of FCU, hanging of chilled water pipes- MONDE NISSIN PLANT, STA ROSA LAGUNA
- Installation of Oil-water separator- excavation works, demolition of old concrete below ground oil-water separator, installation of new oil water separator and components.- GLOBAL CATERING SERVICES CORPORATION, NAIA PASAY CITY
- Wastewater treatment plant retrofitting: installation of submersible pump for digester tank, modification of bubble diffusers of aeration tank, installation of bar strainer for primary influent tank-YUGSTICK MANUFACTURING PLANT, DASMA TECHNOPARK

**NOVEMBER 11, 2019 – JULY 14, 2020**

**FACILITIES ENGINEER, ALLVALUE FACILITIES MANAGEMENT: FINDS DEPARTMENT STORE, ALLTOYS, ALLSPORTS, ALLDAY CONVENIENCE STORE, VITACARE MEDICAL CLINIC**

- Basic troubleshooting of HVAC equipment(chilled water, DX-type units)
- Review mechanical and electrical plans, quotations and suggestions presented by different contractors and prepare final recommendations to operation heads.
- Preparing monthly maintenance schedule of ACU, electrical panels and ensure proper implementation of it
- Inspecting and punch-listing of mechanical and electrical works prior to turn-over and acceptance
- Formulating and implementing cost-effective solutions to repairs
- Monitoring works done by contractors
- Negotiating and processing billing documents
- Preparation of schedule of in-house maintenance to different store locations

**APRIL 2018 – MAY 2018**

**ON THE JOB TRAINEE, DEPARTMENT OF SCIENCE AND TECHNOLOGY-MIRDC**

- Conducting tensile stress test on rebar and deformed bars in accordance to Philippine National Standards
- Conducting burst test on LPG tanks, conducting shear stress test on bolts, etc.
- Measuring deformation of materials upon application of compressive loads through universal testing machine

## EDUCATION

JUNE 2014-APRIL 2019

**BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING**, TECHNOLOGICAL UNIVERSITY OF THE PHILIPPINES-MANILA

DOST Scholar 2014-2019; MTAP Math Count 2018(FEU-IT) Participant; BrainMEsh Inter-University 2018(UP-Diliman) Participant; TUP-M College of Engineering Quiz Show 2018 1<sup>st</sup> Runner-Up; Intercollegiate Aggregates Quiz 2018(UP-Diliman) Participant; DOST Scholar's Club Vice President 2017-2018; M.E. Quiz Team(M.E.T.A.L.S.) Member 2017-2019; TUP-M Physics Laboratory Challenge 2016 Champion; English Society President 2016; League of Student Org. Member 2016

JUNE 2010-MARCH 2014

**SECONDARY**, LAS PINAS CITY NATIONAL SCIENCE HIGH SCHOOL

## SKILLS AND QUALIFICATIONS

- Registered Mechanical Engineer(Rating 90.55), August 2019
- CAD Literate(SolidWorks, AutoCad, SketchUp)
- Computer Literate(MS Excel, Powerpoint, SAP)
- Machining works(lathe ,welding ,bench works)
- Basic HVAC-R troubleshooting
- Possesses great leadership skills
- Can work alone or with a team, and performs better even under pressure
- Approachable, friendly, and trustworthy
- Great problem solver and fast learner
- Eager to learn new things

## TRAININGS AND SEMINARS

- BOSH Safety Officer 1(8hrs Course+2hrs TOT)
- LABTECH Online Training Course on: Evaporators; Condensers; DC Motors; Split AC
- Energy Efficiency Forum by DOE, TUP-M 2019
- National Aviation Conference by PhilMicroSAT, DLSU 2017