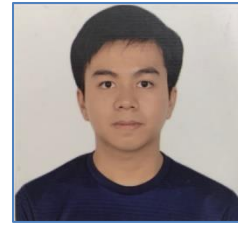


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Yap, Jan Jeric

SKILLS

- SQL, Python, HTML, CSS Programming.
- GIS Software (QGIS, ArcGIS)
- Computational Fluid Dynamics (TELEMAC 2D)
- Microsoft office suite
- Equity Trading.
- CAD (AutoCAD, Solidworks)

EXPERIENCE

Research Assistant, Center for Renewable Energy and Appropriate Technologies - Ateneo de Davao University

March 2020 - May 2020

- Researched and interpreted large volumes of scientific data and literature.
- Gathered, arranged and corrected research data to create representative graphs and charts highlighting results for presentations.

Technical Team Member (Urban Concept Vehicle Category), Team Blue Knights (Shell Eco-Marathon Asia 2018)

2018-2019, Davao City

- Researched and designed the body of an urban concept vehicle for competition use in the Shell Eco-Marathon Asia 2018

Undergraduate Thesis - Full-scale Design and Simulation of a Horizontal-Axis Tidal Turbine (HATT) Blade for Tropical Site Conditions using Reynold's Average Navier Stokes-Blade Element Momentum Theory (RANS-BEMT), Ateneo de Davao University

June 2020 - March 2021, Davao City

- Created a 2D Numerical Hydrodynamic Model of Davao Gulf capable of predicting tidal heights and tidal velocities.
- Designed and created a 3D model of a Horizontal- Axis Tidal Turbine blade for tropical site conditions.

EDUCATIONAL BACKGROUND

Bachelor of Science in Mechanical Engineering Ateneo de Davao University

June 2015 - April 2021, Davao City

Primary to High School Education Zamboanga Chong Hua High School

March 2014, Zamboanga City