**JUAN DELA CRUZ**

Contact Information [Address, Mobile Number, Email]

**SUMMARY**

A highly-motivated young Civil Engineer with a Master's degree in Geotechnical Engineering passionate to work in a design consulting environment with strong work ethics and integrity. Embraces basic theories and sustainable innovation in modern practices.

**WORK EXPERIENCE**

ABC Earth Solutions, Philippines

Geotechnical Design Engineer, July 2019 – June 2020

* Performed design and analysis of Prefabricated Vertical Designs (PVDs) and Mechanically Stabilized Earth Walls (MSEWs).
* Analyzed geotechnical reports, maps, blueprints, hydraulic and topographic data for effective design.
* Developed models with the use of relevant correlations and engineering software developed by ADAMA Engineering, Inc. such as FOSSA, RESSA, and MSEW.

DEFG National University, South Korea

Research Assistant, March 2017 – May 2019

* Performed laboratory and field tests for the evaluation of structural and hydraulic properties of soil and pavement materials.
* Developed numerical models for predicting the clogging machines of soil media.
* Participated in Research & Development projects for green pavement engineering under Korea Green-Infra and Low Impact Development (LID) center.

JK Earth Structure Company, Philippines

Graduate Bridge Design Engineer, June 2016 – February 2017

* Performed detailed structural and foundation design and analysis of highway static and Intelligent Transportation Systems (ITS) sign gantry structures using Australian and AASHTO Codes
* Developed structural models using Autodesk Structural Bridge Design software (ASBD) for static analysis and design.
* Headed a team of structural engineers and draftsmen to produce structural drawings for the Substantial Detailed Design (SDD) phase of the project.

**SKILLS**

Knowledgeable in various civil engineering software, numerical modeling, and computer aided drafting. Strong research and technical report writing skills. Highly organized and detail-oriented. Highly organized and detail oriented.

Knowledgeable in implementing quality assurance standards such as HACCP and ISO. Experienced in training personnel in workplace safety and company standard operating procedures.

**EDUCATION**

Master of Science, Mechanical Engineering

DEFG Engineering University, South Korea

Bachelor of Science, Mechanical Engineering

University of Santo Tomas, Philippines

**LANGUAGES**

English (Fluent) Filipino (Fluent)