

RIANEL APRIL A. PALO

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CAREER OBJECTIVE

To apply for a position where I can apply my knowledge, skills and experience that utilizes my expertise in Geomatics including surveying, mapping, GIS, remote sensing and photogrammetry.

EDUCATIONAL BACKGROUND

2017- present (In progress)	MS in Geomatics Engineering (Geoinformatics) University of the Philippines- Diliman UP Diliman, Quezon City
2009- 2014	BS in Geodetic Engineering Visayas State University Visca, Baybay City, Leyte

WORK EXPERIENCE

Oct 2021- Dec 2021	Geodetic Engineer Department of Agrarian Reform Province of Sogod <i>Project SPLIT: Support to Parcelization of Land for Individual Titling</i> <ul style="list-style-type: none">• Ensure proper identification on the ground of CCLOA for identification including its area of coverage using GPS Technology• Conducted field/ground validation to determine the actual occupation of Agrarian Reform Beneficiaries (ARBs)• Prepare sketch plan subdivision scheme showing the location occupied by the ARBs• Prepare request for survey services (RSS) for CCLOA needing subdivision survey
March 2021- Aug 2021	Geodetic Engineer Department of Agrarian Reform Province of Leyte-Biliran <i>Project SPLIT: Support to Parcelization of Land for Individual Titling</i> <ul style="list-style-type: none">• Ensure proper identification on the ground of CCLOA for identification including its area of coverage using GPS Technology

- Conducted field/ground validation to determine the actual occupation of Agrarian Reform Beneficiaries (ARBs)
- Prepare sketch plan subdivision scheme showing the location occupied by the ARBs
- Prepare request for survey services (RSS) for CCLOA needing subdivision survey

March 2015- May 2017

Science Research Specialist II

Phil- LiDAR 2- Visayas State University

Project 2: Aquatic Resources Extraction using LiDAR Surveys

- Extracted and mapped out coastal resources such as benthic habitats, mangroves and aquaculture from LiDAR data, orthophoto images and bathymetric data using object based image analysis.
- Processed GIS and remote sensing data using different software such as ArcGIS, QGIS, ENVI and lastools.
- Assessed, analyzed and processed vulnerability of coastal resources to climate change hazards.
- Conducted focus group discussion with participants sharing on LGUs and locals.
- Mapped out vulnerability of coastal resources using GIS-based techniques.

Oct 2014- Jan 2015

Photogrammetry Specialist

Certeza Infosys Corporation

Project: Production of Large-scale 1:4000 orthophoto maps and orthophoto basemaps for portions of Northern and Central Luzon

- Generation of large-scale maps from aerial and satellite imagery
- Processed imageries for aerial triangulation and control point integration from ground control networks such as selection of image control points, radiometric and geometric adjustments georeferencing, orthorectification, spectral enhancement and mosaicking using ERDAS Imagine software.
- Performed processing and interpretations of remotely-sensed data as needed by the projects.

Nov 2013- Feb 2014

Geodetic Engineer Intern

Certeza Infosys Corporation

- Performed aerial triangulation using Leica Photogrammetric Suite (LPS) software.
- Assigned in Production of 1:50000 Topographic Maps in Eastern Visayas using SPOT 5 imagery
- Conducted isolation land surveys such as relocation surveys and GPS observation.
- Performed AutoCAD operations for plotting and analysis of surveys, plans and titles.

ABILITIES AND SKILLS

- Can do land surveying such as relocation, subdivision and other property surveys for titling and other purposes.
- Extensive experience in mapping land surveys, satellite imagery and aerial photos
- Knowledgeable in different software such as Autocad, Google Sketchup and GIS software.
- Extensive experience in Geographic Information System (GIS) and Remote Sensing
- Proficient in SQL, JAVA and Javascript
- Knowledgeable in spatial and non-spatial databases
- Can operate surveying equipment such as GPS/GNSS, total station, echosounder
- Adept with Microsoft Office Suite (Word, Powerpoint, Outlook, Excel)

ELIGIBILITY

- Licensed Geodetic Engineer- Professional Regulation Commission- 2014 Passer

COMMUNICATION SKILLS

- Can communicate in English, Filipino and Cebuano

AFFILIATIONS

- Member, Geodetic Engineering of the Philippines Region VIII 2014- present

PAPERS PRESENTED

- **Landfill Site Selection using Geographic Information System (GIS) and Multi-criteria Decision Analysis (MCDA): A Case Study in Tacloban, City**
Author, Presenter
14th Geomatics Student Project Colloquium (GSPC)
University of the Philippines- Diliman
- **Object-based Image Analysis: Seamless Classification of Coastal Resources in Tabango, Leyte after Typhoon Haiyan**
Author
36TH Asian Conference on Remote Sensing 2015
Crowne Plaza Hotel, Ortigas, Metro Manila

REFERENCES

Atty. Leyson Bert L. Rio
Legal Officer, Project SPLIT
Department of Agrarian Reform

Engr. Rey Mark L. Alfante
Geodetic Engineer