

REY MARK L. ALFANTE

Geodetic Engineer
MS in Geomatics Engineering (currently attending)
| alfantemak@gmail.com | 0918-711-0730



EXPERIENCE

Science Research Specialist II

CSLR-Phil Project

June 8, 2020 - June 7, 2021

- Determining sea level rise rate in the coastal areas of the Philippines

Science Research Specialist II

Phil-LiDAR 1 (VSU)

June 2016 - May 2017

- Conducting hydrographic, topographic, and bathymetric surveys
- Flood Modelling
- Generating flood hazard maps
- Capacity building on basic GIS

Science Research Specialist I

Phil-LiDAR 1 (VSU)

March 2015 - May 2016

- Conducting hydrographic, topographic, and bathymetric surveys
- Flood Modelling
- Generating flood hazard maps
- Capacity building on basic GIS

Photogrammetry Specialist

Certeza Infosys Corporation

October 2014 - January 2015

- Generating large scale orthophoto maps from aerial and satellite imagery
- Aerial triangulation
- Control point integration from ground control networks

On-the-job Trainee

Certeza Infosys Corporation

November 2013 - January 2014

- Map generation of right-of-way for NGCP transmission grid lines
- Conducting isolated land surveys

LANGUAGES

English ● ● ● ● ●
Filipino ● ● ● ● ●
Bisaya ● ● ● ● ●

EDUCATION

MS in Geomatics Engineering

University of the Philippines - Diliman

Currently Attending

BS in Geodetic Engineering

Visayas State University

2019 - 2014

AWARDS

Top 6 - Geodetic Engineering Licensure Exam

August 19-20, 2014

Cum Laude

BS in Geodetic Engineering - VSU

2019 - 2014

RESEARCH

- Low-cost GNSS buoy for water level monitoring
- Spatial Visualization and Exploratory Analysis of Cyclones in the Northwest Pacific basin
- Philippine Disaster and Damage Database
- Provincial Scale Drought Monitoring using Remote Sensing
- Landfill Site Selection using GIS and Multi-criteria Decision Analysis

EXPERTISE

GIS	Remote Sensing	GNSS
Surveying	Photogrammetry	
QGIS	PostGIS	ArcGIS
Hec-RAS	Hec-HMS	Envi

INTERESTS

Table Tennis
Badminton
Boxing

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