Mitch Allan A. Haboc
Brgy. Zone 1, Sogod, Southern Leyte
6606 Philippines
Mobile phone: (+63)9957298999/09176467536
Email: haboc_mitch@yahoo.com com

Personal Information

Date of Birth	March 7, 1994
Sex	Male
Birth Place	Pasig City, Manila City
Height	5 feet 4 inches
Weight	61 kgs
Civil Status	Single

Career Profile:

A highly accomplished, responsible and enthusiastic graduate of BS in Computer Science with intermediate knowledge of programming, GIS and image classification computer applications. Looking for an opportunity in the field of information technology and computer science.

Career Objectives:

- To be employed in any position that requires expertise, effective, efficient and trustworthy employee in our field of study.
- To gain more experience and to contribute my knowledge and skills for the development of the institution I will be working.

Education

Masteral   June 2018 - Present
Masters in Computer Science
Cebu Institute of Technology, Cebu City

College
BS Computer Science   April 2014
Visayas State University, Visca, Baybay City, Leyte

Highschool
Saint Thomas Aquinas College   April 2010
Sogod, Southern Leyte

Elementary
Sogod Pilot SPED Center   April 2006
Sogod, Southern Leyte

Undergraduate Thesis

Development of a Recognizer for Selected   April 2014
Corn (*Zea mays L.*) Kernel Varieties Using
Artificial Neural Network

Eligibility

Philippine National Information Technology   April 2014
Standards IT Passport Examination

Civil Service Examination Passer (Professional Level)   August 2017

Trainings and Seminars

Energy Efficient Lighting Applications Seminar   March 2013
Visayas State University, Baybay City
Department of Energy

**1st Philippine Youth Congress on Information   November 2012
Technology**
Cebu Trade Hall, SM City Cebu
University of the Philippines Information
Technology Development Center (UPITDC)

**Comprehensive Agrarian Reform   December 2011
Program Seminar**
Convention Center, Visayas State University,
Baybay City,Young Economists Society

Freedom Software Day   January 2014
Convention Center, Visayas State University,
Baybay City
IT Proffesionals

Phil – LiDAR 2 PARMap Training Visayas Cluster	September 22 – 24, 2014
Phil – LiDAR 2 CoastMap Training Visayas Cluster	September 25 – 26, 2014
Mentoring and Monitoring Session of Agricultural Resources Extraction from LiDAR Surveys (PARMap)	October 2014
1st National Conference for Phil- LiDAR 1 & 2	November 17 – 18, 2014
Training on Object – Based Image Analysis (OBIA) for Agricultural Feature Extraction	November 25 – 26, 2014
3rd Philippine Geomatics Symposium (PhilGEOS 2014)	November 27 -28, 2014
Workshop in LAStools for VSU Phil-LiDAR 1 & 2	January 26-27 2015
1st Phil – LiDAR 2 Visayas Cluster Colloquium	January 30, 2015
2nd Phil – LiDAR 2 Visayas Cluster Colloquium	March 31, 2015
Basic Operation of USB 4000 and OceanView	October 9, 2015
36th Asian Conference in Remote Sensing On "Fostering Resilient Growth in Asia"	October 19 – 23, 2015
Phil – LiDAR 2 Agricultural and Coastal Vulnerability Symposium	October 26, 2015
3rd Philippine Esri GIS Education Conference	December 7 – 8, 2015
2016 Phil-LiDAR 1 & 2 Project Review and Planning Workshop	January 28 - 29 2016
Training Workshop on Map Sharing	February 8 – 12, 2016

System Using FOSS and OGC Standards – II

Re-Echo Training on Phil-LiDAR 1 & 2	August 15, 2016
MATLab Training	August 22 – 24, 2016
Vulnerability Assessment Training on Agricultural Resources	September 19-20 2016
Mentoring and Monitoring Session of Agricultural Resources Extraction from LiDAR Surveys (PARMap)	September 22 – October 5, 2016
ODK "Open Data Kit" – MOSA Tool For Sustainable Agriculture	August 8-10, 2018
Training and Seminar on "Development of a Seasonal Precipitation Forecast for Region VIII, Eastern Visayas"	August 31, 2018

PUBLICATION:

Rule-Based Classification of Agricultural Resources Through Object-Based Image Analysis using LiDAR Derivatives and Orthophoto: The Case of Tabontabon Leyte, Philippines

Land Use Land Cover Classification of Agricultural Resources Through Pixel-Based Image Analysis using LandSAT Satellite Images of Eastern Visayas

Land Use Land Cover Classification of Agricultural Resources using Sentinel – 2 Satellite Imagery

EMPLOYMENT RECORD:

April 2013-June 31,2013   Android Developer at Gan Dev Inc.
Sogod, Southern Leyte

June 2014 - December 2017   Science Research Specialist I
DOST Phil-LiDAR program, Visayas State University

Project Description:

The Phil-LiDAR 2 Program aims to produce detailed resource maps using LiDAR for various applications: production of high value crops, irrigation assessment, aquaculture production, forest protection, discovery of renewable energy sources.

Job Description:

The role of a science research specialist is to process his or her assigned LiDAR data and produce an output in accordance to the timetable given by the SSRS, CSSRS and project leader. He or she must be able to utilize the data, software and other resources provided to come up with a significant result for the project. Whether it may be a research paper, new workflow method, scientific report and etc.

Duties and Responsibilities:

- Report directly to the SSRS, CSSRS and Project Leader with regards to the policies and administration of the project.
- Get familiarized with the process workflows and procedures for tasks of designated units of the component project.
- Get familiarized with the schedules, timelines and targets for the designated unit.
- Record salient information of turned over data portion, and date of turnover of output for that data portion.
- Ensure that the processing resources are used efficiently and solely for the completion of the project and of specific targets of the unit.
- Assist the SRS in organizing, processing and analyzing the data collected for the designated unit of the component project.

- Meet quota/target completion rates imposed by the SSRS.
- Submit output to QA and QC measures imposed by SSRS.

Project Acquired Skills:

- Classify, tile, convert, filter, raster, triangulate, contour, clip, and polygonize LiDAR data.
- Generate image layers and derivatives out of point cloud or remotely-sensed (RS) image datasets.
- Feature extraction of Agricultural, Coastal, Forest, Hydrologic resources using Object based image analysis with point cloud and imageries.
- Proficiency in the effective use and operation of ArcGIS for Desktop 10.x and its extensions (Spatial Analyst, 3D Analyst, etc.)
- Ability to use data management tools, analysis tools, and conversion tools and other related ArcGIS tools applicable to the requirements.
- Usage of handheld global positioning system devices (64s, Montana).

January 2018 – September 2019	Science Research Analyst II DA-BAR SSIP project, Visayas State University

Project Title: Identifying suitable sites for small-scale irrigation projects in Eastern Visayas region through GIS-based water resources assessment

Job Description:

- Develop and adopt a GIS-based framework to be used in determining suitable SSIP sites;
- Develop provincial and regional resource map for SSIP planning and development; and
- Enhance capacities of the region's technical personnel and extension agents on the use of the developed protocol (i.e. GIS, modeling) for SSIP planning and development. If deemed necessary, in the regional context, enhancement of the established framework and protocol will be explored, upon agreement by the DA-BAR and SSIS R&D Group.

June 1 – July 31, 2020	Project Consultant LGU, Municipality of Macrohon, Southern Leyte

Job Description:

- Develop a fast and digital workflow in collecting data for the municipality's' CLUP.
- Develop paperless survey forms via Open data kit toll and set-up a cloud-based server that will serve as database of the acquired data for the certification process, as well as external access; and
- Train LGU's staff and personnel in the use of ODK tool and QGIS for mapping.

January 2018 – December 2019	System Admin (SCNO) German Development Corporation GIZ

Job Description:

- Lead and provide assistance to agricultural technician on implementing proper certification process to coconut farmers;
- Draft designs, schematics and maps of varying types by hand and through computer programs
- Liaise with additional planning teams, industrial representatives, lobbyists, developers, public and private stakeholders, and members of the public
- Create requests for proposals for development and tender
- Strategize, develop, and manage planning and logistics from phase to phase
- Review maps, aerial photos, data, and field investigation reports and interpret data for planning usage
- Develop paperless survey forms via Open data kit toll and set-up a cloud-based server that will serve as database of the acquired data for the certification process, as well as external access; and
- Improve capabilities of GIZ and NCRC's personnel on the use of digital tools such as ODK, KOBO in acquiring data and maximize the use of GIS in

planning present and future projects.

January 2020 – May 2020	**Computer Programmer I** HRMIS, Visayas State University

Job Description:

- Develop RDEMIS for research centers with HRMIS workflow, assess upcoming data in relation to RDEMIS.

June 1 – July 31, 2020	**Project Consultant** LGU, Municipality of Talalora, Samar

Job Description:

- Develop a fast and digital workflow in collecting data for the municipality's' CLUP.
- Develop paperless survey forms via Open data kit toll and set-up a cloud-based server that will serve as database of the acquired data for the certification process, as well as external access; and
- Train LGU's staff and personnel in the use of ODK tool and QGIS for mapping.

March 16, 2022 – June 30, 2022	**Computer Programmer** ViCARP, Visayas State University

Job Description:

- Develop ViCARP System and RDMIS (KMIS) System.

May 2, 2023 – Present	**GIS Expert** Office of the Vice President for Planning, Resource Generation and Auxiliary Services, Visayas State University

Job Description:
- Gather necessary data that is needed for maps of the Land Use Development and Infrastructure Plan (LUDIP).
- Create or update the needed maps for the LUDIP.

- Do simple special analysis for the created maps.
- Perform other duties assigned by the immediate supervisor.

Software Familiarity

- Microsoft Office (MS Word, MS Excel, MS PowerPoint)
- Microsoft Visual Studio
- Photoshop
- Netbeans
- Proteus
- IBM SPSS
- Packet Tracer
- Arc Map 10.2
- Trimble Ecognition 9.0
- Lastools
- QGIS
- HECRASS
- ENVI 5.0
- MATLab
- Microsoft Visual Studio
- Visual Studio Code
- R Studio
- Atom
- ArcGIS
- ArcSWAT
- Pix4D
- MaxEnt

Languages

- English – fluent
- Tagalog – fluent
- Cebuano – native

CHARACTER REFERENCES:

Dr. Ariel C. Blanco
Associate Professor, UP Training Center for Applied Geodesy and Photogrammetry
University of the Philippines Diliman
National Capital Region, Philippines
acblanco@up.edu.ph
+63-9981346322

Amiel Tristan Gonzales
Senior Advisor
Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ)
amiel.gonzales@giz.de
+63-9900664178

Dr. Pastor P. Garcia
Associate Professor, Eco-FARMI
Visayas State University
Visca, Baybay City, Leyte, Philippines 6521-A
pastor.garcia@vsu.edu.ph
+63-53-5637370