

RUBIERE RAMIREZ

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Readily incorporate different perspectives into everyday life. Very motivated and possess strong organizational skills which enable me to achieve tight deadlines. Currently looking for a new challenging position; one that will enable me to mature and gain as much experience in the work field.

Education

Bachelor of Science in Natural Resource Management University of Belize	2014 Belmopan City, Belize
Associate in Natural Resources Management University of Belize	2011
Associate in Arts St. John's College Junior College Majors: General Studies & Chemistry	2009 Belize City, Belize
High School Diploma St. John's College High School Concentration: Biology, Chemistry and Physics.	2007 Belize City, Belize

Work Experience

Geographic Information Systems Technician Systems Development and Data Processing STATISTICAL INSTITUTE OF BELIZE, BELMOPAN CITY, BELIZE	June 2018 - Present
<ul style="list-style-type: none">• Digitize building footprints for the entire country of Belize using imagery from Google Earth Pro, Environmental Systems Research Institute's (ESRI) World Imagery, Bing Maps, Open Street Maps, Satellite for observation of Earth 7 using ESRI's ArcMap 10.6, 10.8, ArcGIS Pro 2.5.1 and QGIS 3;• Collect spatial and non-spatial data using data collection tools (Collector for ArcGIS, SIB Collect, GPS Waypoint, Survey123, Survey Solutions);• Assist the GIS Officer and the GIS Assistant in create web maps on the SIB's ArcGIS Online for Organization account for the various departments at the SIB as per request;• Assist the GIS Officer and the GIS Assistant in creating printed maps for all department and external clients as per request;• Download web maps onto tablets with Collector for ArcGIS/SIB Collect for the surveyors to navigation within the Enumeration Districts;• Maintain and update building footprints database with attachments (picture of building) in an enterprise geodatabase on SIB's GIS Server for the entire country of Belize;• Ground-truth building footprints for the different municipalities in the country of Belize using Collector for ArcGIS for the Census Mapping Exercise;• Supervise the Field Mapping Technicians in their ground-truthing Census Mapping Exercise;• Provide Municipality's building inspector training on how to collect building information using the SIB's guidelines and Collector for ArcGIS;	

- Conducted quality assurance and quality control of field data collected using ArcGIS Data Reviewer for Desktop on building attributes collected.

Geographic Information Systems Technician (Temporary)

May 2017 – June 2017

Coastal and Marine Data Centre

COASTAL ZONE MANAGEMENT AUTHORITY AND INSTITUTE, BELIZE CITY

- Updated building footprints for Caye Caulker using Google Earth Pro and existing building footprint data;
- Prepared a map of existing structures, forest stands, green area and boundaries for Goff's Caye using a drone image provided by the Open Reef Mapping Society and verified the data with a ground visit;
- Took Global Positioning System points of the Caye's boundaries to produce a boundaries changes map of Goff's Caye;
- Prepared maps for ground-truthing in Caye Caulker using updated building footprints and parcel data provided by the Land Information Center from the Ministry of Natural Resources;
- Assisted with the collection of land use and buildings information in Caye Caulker using the Open Data Kit for android devices;
- Processed data obtained from the Open Data Kit for Caye Caulker using the Building footprints Urban Land Use Data Processing Manual standardized by the Land Information Center at the Ministry of Natural Resource.

Stann Creek Field Representative

February 2015 – May 2016

OCEANA IN BELIZE, BELMOPAN CITY

- Represented Oceana Belize in the Stann Creek district with the general public, community-based organizations, non-governmental organizations and the business sector;
- Conducted presentations about Oceana in Belize at the Primary, Secondary and Tertiary level as well as to the community and business sector in the district;
- Canvassed neighborhood in the district with regards to their opinion on offshore oil exploration and exploitation in Belize as well as collect signatures against offshore oil;
- Recruited wavemakers (volunteers) in the district;
- Maintain and update a wavemaker database for the district;
- Organized public events in the district such as beach cleanups, mural unveiling, people's referendum anniversary event, among others;
- Procured vendors for projects, provide logistics and reached out to the community for the events.

Geographical Information System Technician Intern

June 2013 – August 2013

STATISTICAL INSTITUTE OF BELIZE, BELMOPAN CITY

- Captured, stored and manipulated geographic and attribute data of building footprints for districts in Belize;
- Updated building footprints for Belize City, Belmopan City, San Ignacio/Santa Elena Town using google earth and Bing Imagery;
- Attached metadata for updated shapefiles generated using the Statistical Institute's standards;
- Provided cartographic representation of spatial data on ArcMap;
- Printed Maps for Surveys of Enumeration Districts for the Institute;
- Created an interpolation model using the Geostatistical Analyst extension of hypertension data for the Belize District.

Temporary Cashier Clerk

October 2011 – December 2011

COURTS (BELIZE) LIMITED, BELMOPAN BRANCH

- Collected and posted customer payments in the Courts payment system;
- Kept customer abreast of status of Courts (Belize) account;
- Exceed customer expectation for Courts (Belize) Limited;

- Posted payment for Belize Electricity Limited clients using B.E.L payment system.

Professional Development

Certificate in Geographic Information Systems (not completed), Science Department, University of Belize, January 2020

Courses taken and completed:

- Introduction to Remote Sensing
- Web GIS
- Introduction to Geostatistics
- Introduction to Programming Using Python.

Advance Spatial Data Analysis Using ArcGIS, Facilitated by the Belize National Spatial Data Infrastructure, Ministry of Natural Resources and Total Business Solutions Ltd, October 2018.

Creative Communication Training, Facilitated by ArtCorps, May 2015.

Leadership Training for Social and Environmental Justice, Facilitated by the Belize Institute of Environmental Law and Policy, August 2014.

Professional Organization

Member, Caribbean Youth Environment Network
Wavemaker, Oceana in Belize

Key Technical Skills

- Organizational skills.
- Computer Literate.
- Work well under pressure.
- Bilingual (Spanish and English).
- Customer Service.
- Proficient in the use of R and R Studio for Spatial Data Analysis.
- Basic knowledge of writing and reading Python scripts.
- Working knowledge of spatial database with PostGIS and QGIS.
- Geographic Information Systems (ArcMap 10.8, ArcGIS Pro 2.5, ArcGIS Online for Organization, QGIS 3).
- Environmental Education Outreach.

References

Mr. Christopher Reid
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