Maritza Reyes

562.217.5270 - maritzalaurareyes@gmail.com   Long Beach, CA

EDUCATION

University of California Los Angeles (UCLA)	**University of Wisconsin-Madison**
Fall 2011 – Spring 2016	*Fall 2017 – Fall 2019 (expected candidacy)*
Major: Geography/Environmental Studies	M.S. GIS & Web Map Programming (*Online*)
Minor: GIS	

EXPERIENCE (Portfolio: https://maritzareyes.github.io/)

Earth Science Associates   Long Beach, CA

GIS Analyst/Research Associate   *(June 2016 – present)*

- Provides research assistance for software developments focusing on oil production in the Gulf of Mexico
- Debugs, maintains, and writes python scripts for monthly and daily dataset updates
- Develops and creates GIS maps as requested by implementing ArcMap and analyzing relevant data
- Uses Adobe Illustrator to create images and maps for statistical reports and peer reviewed papers
- Updates databases with new research, and manages data by constructing queries and tables in PostgreSQL and Microsoft Access
- Updates and maintains GIS data for import into a geodatabase and SDE
- Maintains and checks quality of GIS data (shapefiles, feature classes, tables, etc.)
- Provides solutions and services to clients regarding data and map production
- Builds and updates company website using HTML/CSS
- Builds geoprocessing workflows using ModelBuilder
- Updates feature services in ArcGIS Online using arcpy and ArcGIS Pro

Fullerton Arboretum   Fullerton, CA

GIS Intern   *(June 2016 – August 2016)*

- Assisted in mapping all of the arboretum's vegetation using ArcGIS Collector
- Used GIS equipment to map out pathways in the arboretum
- Created an arboretum database with information collected on species, genera, region, etc.
- Assisted in developing a mobile application of the arboretum using ArcGIS AppStudio

Charles E. Young Research Library   Los Angeles, CA

GIS Librarian Assistant/ Senior Clerk   *(September 2014 – June 2016)*

- Worked on multiple GIS projects (created and published interactive maps of library resources using ArcMap and Story Maps) and delivered presentations to students and faculty on the significance of these projects
- Assisted students and professors in finding geography or GIS resources for research
- Assisted in cataloging historical maps, and trained/supervised new hires on all library projects

GIS SKILLS

database maintenance & design; SQL scripting; python scripting; cartographic design & map making; web page design; data acquisition & processing; RDBMS; model building; coordinate & datum transformations; attribute editing; georeferencing; geocoding; geoprocessing; digitizing & editing vector data; KML & KMZ creation for use with Google Earth; works with other file formats (GeoJSON & KML files); creation of ArcGIS online maps

TECHNICAL EXPERIENCE

Software/Technologies: ArcGIS (ArcCatalog, ArcMap, ArcScene, and ArcSDE), ArcGIS Pro, Leaflet, D3, Google Maps API, QGIS, PostgreSQL/PostGIS, MongoDB, CARTO, IntelliJ, Google Web Designer, GitHub, Tableau, ENVI Classic, ArcGIS Collector, Adobe Illustrator, Mapbox Studio, Photoshop, Microsoft Office

Languages: SQL, Python/GDAL/OGR, NoSQL, HTML/CSS, Javascript, jQuery