

## Maritza Reyes

562.217.5270 - maritzalaurareyes@gmail.com

Long Beach, CA

### EDUCATION

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#### University of California Los Angeles (UCLA)

*Fall 2011 – Spring 2016*

Major: Geography/Environmental Studies

Minor: GIS

#### University of Wisconsin-Madison

*Fall 2017 – Fall 2019*

M.S. Cartography and Geographic Information

Systems (Option in GIS Development)

### EXPERIENCE (Portfolio: <https://maritzareyes.github.io/> )

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#### NorthSouthGIS (acquired by Tega Companies in July 2021)

Los Angeles, CA

*GIS Analyst*

*(January 2020 – present)*

- Provides GIS services and solutions to local government, ports, and waste water and water utilities
- Tests internal GIS integrated software and provides feedback/bug reports to the development team
- Performs data editing/creation/conversion for internal software demos and client related projects using ArcGIS Pro
- Interprets engineering drawings and performs GIS data capture and conversion
- Leverages python to automate workflows for daily and weekly data updates
- Creates metadata and delivers procedural documentation for client needs
- Delivers training and implements solutions for clients' business processes using GIS integrated asset management systems
- Prepares GIS data in ArcGIS Online or Portal for use in web mapping applications and asset management software
- Provides technical support for GIS related applications
- Maintains and quality checks of GIS data using topology and Data Reviewer

#### Earth Science Associates

Long Beach, CA

*GIS Analyst/Research Associate*

*(June 2016 – January 2020)*

- Provided research assistance for software developments focusing on oil production in the Gulf of Mexico
- Debugged, maintained, and wrote python scripts for monthly and daily data updates
- Built and maintained geoprocessing workflows using ModelBuilder
- Performed QC of GIS data for automated processes
- Updated and published feature services in ArcGIS Online using arcpy and ArcGIS Pro
- Developed and created GIS maps as requested by implementing ArcMap and analyzing relevant data

#### 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
- Populated 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)*

- Created and published interactive maps of library resources using ArcMap Story Maps
- Delivered presentations to students and faculty on the significance of GIS related 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**

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QC/QA data; python scripting/automation; cartographic design & map making; web page design; data acquisition & processing; attribute editing; georeferencing; geocoding; geoprocessing; digitizing & editing vector data; image processing; metadata documentation; data conversion; troubleshooting

### **TECHNICAL EXPERIENCE**

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**Software/Technologies:** ArcGIS, ArcGIS Pro, ArcGIS Online, Field Maps, VUEWorks, Geocortex Essentials, MapBox, Leaflet, D3, Google Earth Pro, Google Maps API, QGIS, PostgreSQL/PostGIS, MongoDB, CARTO, IntelliJ, Google Web Designer, GitHub, Tableau, ENVI Classic, Adobe Illustrator, Microsoft Office

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