

Jessica Sanchez



Company Role

GIS Analyst / Environmental and Planning Lead

Project Role / Focus Areas

- Utility player - providing support and managing a variety of projects
- Working directly with clients to ensure their needs are met, including staying with budget and meeting deadlines

Education

- B.A. – Geography, Minors in GIS and Anthropology, University of California, Los Angeles 2015

Interests & Skills

- Artificial Intelligence
- Conservation & Sustainability
- Planning - transportation, water, and urban design
- Python, data analysis, problem solving, project coordination, system dynamics modeling
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Professional Memberships

- Association of Environmental Professionals
- San Diego APA's Young Planners Group
- Amazon Web Services Technical Professional
- ESRI International User Conference 2017 & 2018

Experience Profile

Jessica has 3 years of professional experience working within the Geographic Information Systems industry. Jessica is Evari's lead on environmental and planning work. She has experience providing professional GIS Consulting services on planning, transportation, storm water, and street lighting projects for the City of San Diego. Her experience expands from managing and training staff to diving deep into datasets to perform analyses and solve problems and inform decision makers.

Professional Experience

Evary GIS Consulting, Inc.

- *GIS Analyst* Oct 2016 - Present
- *GIS Field Technician* April 2016 - Oct 2016

Los Angeles Homeless Services Authority

- *GIS Analyst GIS Analyst Intern* April 2015 - June 2015

Jules Stein Eye Institute

- *GIS Analyst GIS Analyst Intern* Sept 2014 - Dec 2015

Selected Projects (Evary lead for all projects listed below)

Intelligent Node Deployment

The City of San Diego is rolling out a smart city solution, using Current by GE's Intelligent Nodes. Evary is tasked with ensuring the optimal distribution of these nodes, dependent upon a series of factors including pedestrian safety, traffic, parking enforcement, and crime. Evary performs these spatial analyses, and informs the City of the best possible locations to install nodes, in order to ensure optimal coverage.

Consultant Services for Municipal Storm Water Program Support

Update storm water infrastructure in Maple Canyon and Los Penasquitos watershed using resources as-built engineering drawings, topology, DEMs, and educated assumptions. The scope of Evary's work includes updating current GIS data of the storm water and drainage system with various resources including aerial photos, digital elevation models, street view images, engineering drawings, site surveys and data from adjacent and overlapping jurisdictions. Jessica managed this project, trained a team of two, and implemented a QA/QC system.

City of Yakima Washington Citywide LED Street Light Project

Evary helped develop and implement a citywide LED street light project through an Energy Saving Performance Contract (ESPC). This project will convert the balance of the City's remaining high pressure sodium street lights, as well as parking, parks and other outdoor lighting, to new LED lighting. Evary was tasked to classify every street light in the right-of-way based on pedestrian conflict, average pole spacing distances, and road/intersection classification. This classification method helps lighting designers choose fixtures based on application.