Marcus Delgado

GIS Manager

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SKILLS

- ArcGIS Enterprise
- ArcGIS Online
- Python
- SQL Server
- ArcMap
- Data Governance
- Vendor Management
- LiDAR
- Budget Management
- Team Leadership

EDUCATION

Master of Science 05/2014

Texas State University

San Marcos, TX

Geography, Geographic Information Science

CERTIFICATES

GIS Professional (GISP)

08/2018

GIS Certification Institute

Project Management Professional (PMP)

04/2022

Project Management Institute

SUMMARY

GIS Manager with 12 years in utility and engineering GIS, the last 5 leading a team of 9 analysts, developers and technicians. Runs a $1.6M program covering ArcGIS Enterprise, ArcGIS Online, data governance and vendor management. Sets priorities with department directors and ties each project to a measured service result for customers.

EXPERIENCE

GIS Manager

01/2021 - Present

Alamo Basin Water System — San Antonio, TX

Public water and wastewater utility serving 1.1 million residents.

- Manage a team of **9** GIS analysts, developers and technicians, including hiring, reviews and yearly training plans.
- Own a $1.6M annual GIS budget for licenses, contractors and hardware, finishing each year within 2% of plan.
- Directed the move from ArcMap and SQL Server editing to ArcGIS Enterprise branch versioning for 140 editors.
- Set data governance rules and metadata standards that raised asset data completeness from 78% to 96%.

Senior GIS Analyst

06/2014 - 12/2020

Hill Country Engineering Partners — Austin, TX

Engineering firm serving Texas cities, utilities and transportation agencies.

- Managed GIS tasks on 60 utility and transportation projects, keeping hours within budget on 90% of them.
- Built Python tools for capital planning that scored 4,000 water pipe segments by break risk.
- Handled vendor management for 3 imagery and LiDAR contracts worth a combined $450K.
- Trained 25 engineers on ArcGIS Online map viewing, markup and field data review.