

Lucia Ferreira

// GIS Technician

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> SUMMARY

GIS Technician with 2 years of experience editing utility and land use data for a water utility and a planning firm. Uses ArcGIS Pro, ArcGIS Online and AutoCAD daily and runs QA/QC checks before any edit is posted. Holds the Esri ArcGIS Pro Associate certification and brings attention to detail and the habit to manage multiple tasks.

> SKILLS

- ArcGIS Pro • ArcGIS Online • AutoCAD • QA/QC • Coordinate Systems • Excel • Microsoft Office Suite
- GPS Data Collection • Attention to Detail • Manage Multiple Tasks

> EXPERIENCE

GIS Technician

05/2025 - Present

Santa Cruz Valley Utilities

Tucson, AZ

Water and sewer utility serving 95,000 accounts in Pima County.

- Edit water and sewer features in ArcGIS Pro from 40+ as-built drawings a month, converting AutoCAD linework to GIS.
- Run QA/QC checks on new features for connectivity and missing attributes, holding the monthly error rate under 2%.
- Project contractor CAD files into the correct coordinate systems so **100%** of submissions line up with aerial imagery.
- Publish ArcGIS Online maps for 30 field crew members and log weekly edit counts in Excel for the GIS supervisor.

GIS Intern

01/2024 - 04/2025

Desert Sky Planning Associates

Tucson, AZ

Part-time internship with a land use planning firm during senior year.

- Digitized 3,500 building footprints from aerial imagery for a county-wide land use update.
- Collected 600 GPS points of street signs with a handheld receiver and loaded them into the sign inventory.
- Prepared Microsoft Office Suite reports and map packets for 8 planning commission hearings.
- Checked zoning layer edits against adopted ordinance maps and sent corrections to the senior planner each Friday.

> EDUCATION

Bachelor of Arts

05/2025

University of Arizona

Tucson, AZ

Geography

> CERTIFICATES

Esri Technical Certification: ArcGIS Pro Associate

08/2025

Esri