

Christina Martin

GIS Professional

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Professional Summary

- 4+ years of experience in geospatial data management, cartography, and quality assurance
- Advanced proficiency in ArcGIS Desktop 10.x, ArcGIS Pro, ArcGIS Online, and Microsoft Office suite
- Adept at managing complex datasets, collaborating across teams, and leveraging technical skills to solve spatial problems and improve decision-making

Technical Skills

GIS Software: ArcGIS Desktop, ArcGIS Pro, ArcGIS Online, QGIS

Cartography & Design: AutoCAD 2019, Adobe Illustrator, Adobe Photoshop, Adobe InDesign

Analysis & QA: Geospatial Analysis, Data Visualization, Quality Assurance, Workflow Optimization

Other Tools: Microsoft Office Suite, e-ImageData ScanPro microfiche/microfilm hardware and software

Professional Experience

GIS Specialist

Chesterfield County Utilities Department – March 2025 to Present

- Edited within versioned geodatabase and SDE environments to maintain public water and wastewater projects' GIS data as well as that of their associated easements
- Became a proficient AutoCAD user while creating 2D diagrams of public water valve configurations
- Helped transition team and clients from ArcMap to ArcPro by creating training video tutorials and written guidance explaining tool functionality and user workarounds
- Cleared backlog of easement mapping queue within first three months, initiated a skill transfer for easement tracking, and created training documentation for new tracking system

GIS Analyst I/II

Dewberry – Apr 2019 to Oct 2022

- Promoted from GIS Analyst I to GIS Analyst II after 1.5 years, recognizing strong contributions to project success and technical expertise
- Produced FEMA NFIP RiskMAP deliverables, including mapping outputs and Flood Insurance Studies (FIS), ensuring accurate geospatial data integration and regulatory compliance
- Developed ArcGIS Online dashboards, Story Maps, and web applications to support critical analyses, including COVID-19 supply chain tracking
- Conducted comprehensive quality assurance, ensuring precise topological checks and automated compliance with best practices
- Provided expert-level technical support for FEMA's BCA Toolkit, resolving advanced operational issues
- Collaborated with cross-functional teams, transcribed meeting notes, and delivered concise project reports for large-scale, multi-contract projects

Field Survey Technician

Tukuh Technologies LLC – Nov 2016 to Sep 2017

- Utilized laser distance meters and MicroStation-equipped tablets to collect spatial data and modernize Army base blueprints
- Conducted field surveys across Alaska, California, Japan, Maryland, and Virginia, ensuring data accuracy for large-scale projects
- Collaborated in small teams to execute precise geospatial data collection under strict deadlines

Production Control Technician

EagleView Technologies Inc. – Dec 2015 to Aug 2016

- Performed quality checks and corrected workflows for aerial imagery using proprietary software and SharePoint
- Contributed to “stress test” workdays, optimizing software and system performance during high-demand scenarios
- Coordinated with international teams to streamline production processes

Education

Bachelor of Science in Geographic Science

James Madison University

Certifications

- Former FEMA Badge Holder
- Former Certified Floodplain Manager (CFM)

Notable GIS Projects

COVID-19 Supply Chain Mapping: Developed interactive ArcGIS Online dashboards for real-time data tracking.

Shinnecock Bay Water Quality Analysis: Delivered cartographic outputs and analysis for environmental studies.

Flood Risk Analysis: Contributed to FEMA RiskMAP geospatial data submissions across multiple counties.