



# CATHERINE CROOK

## GIS PROFESSIONAL

ANALYTICAL

DETAILED

ACCURATE

TEAMWORK

LEADERSHIP

### SKILLS

GIS Enterprise

Project Planning

Team Leadership

Accountability

Trainer/Instructor

Communication

Solutions Oriented

Budget Focused

### EDUCATION

**Master of Science**

**Geospatial Technologies**

University of Washington

**Bachelor of Arts**

**Environmental Science**

University of Washington

**GIS Certification**

University of Washington

[Department of Urban Studies](#)

**GIS Classes**

University of California Davis

[Center for Watershed Sciences](#)

### Professional Profile

Solutions-focused, team oriented professional with 19 years of government GIS knowledge. Excellent communication and experienced working with both government and commercial organizations. Highly skilled and knowledgeable GIS Manager, Coordinator, Project Manager and Database administrator.

### Technical Skills

**Operating Systems:** Windows **Programming:** SQL, JavaScript/HTML, Python

**GIS:** Esri Portal, ArcGIS Online, Esri ArcGIS DesktopV.10.5, ArcGIS Pro including License Manager, ArcGIS Server, ArcGIS API's, Esri Insights, JavaScript, Esri Story Maps,

Esri Field Maps, Survey 123, Quick Capture and AppStudio, QGIS, Google Earth KML, Pathfinder

**Web Mapping:** ArcGIS Portal Map Server, AGOL, Google Maps API, WAZE

**Relational Databases:** SQL

**Web Servers:** ArcGIS Server V.10 **Versioning Systems:** Subversion

**GPS Hardware** Garmin, Magellan, Trimble

### GOVERNMENT GIS

- IT Division leader of WA's 6<sup>th</sup> largest city for all GIS services. GIS Manager successfully navigating the direction and guided of technical business processes to champion GIS systems, related IT architecture, training, and support of all GIS functions.

- Chair of Sound to Summit Regional GIS Committee, member of WA GIS Association, NW GIS Users Group, Association of County and City Information Systems, C3 Community Connectivity Consortium as well as an active guest speaker at various workshops and conferences within the GIS professional community.

- Proficient with GIS in a wide variety of complex systems including geospatial enablement and maintenance, data analysis, interpretation, presentation, technical documentation, data conversion and software/database architecture.

- Developed GIS curriculum and syllabi for lectures and labs

- Created a successful internship program and have placed over 25 GIS professionals within the regional GIS network.

- Worked directly with departments to develop, convert, and coordinate data development including as-builts, surveys and environmental site investigations as well as maintained any other necessary data sources.

- Directed, established, and deployed geospatial tools, such as an online mapping system and GIS mobile apps for collecting field data.

- Created and presented GIS analytics to City Council as well as City Staff and stayed current with evolving Federal and State standards for GIS and developed policies and procedures to ensure compliance in all applications as well as manage 800K yearly budget.

- Proficient technical writer as well as able to communicate highly technical information and data to others to better understand GIS analysis.

### EMPLOYMENT HISTORY

*GIS Manager, City of Kent, Kent, WA 2017-Present*

*GIS Senior Analyst, Department of Labor, Tacoma, WA 2012-2017*

*GIS Supervisor, Port of Tacoma, Tacoma, WA 2009-2011*

*GIS Analyst, City of Maple Valley, Maple Valley, WA 2007-2009*

*GIS Adjunct Lecturer, Seattle University, Seattle, WA current*

*GIS Lecturer, University of Washington, Tacoma, WA 2008-2023*