

Aspen Neville

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Education

MASTER OF SCIENCE | MAY 2023 | UNIVERSITY OF WISCONSIN—MADISON

- Major: GIS Development

BACHELOR OF SCIENCE | APRIL 2020 | BRIGHAM YOUNG UNIVERSITY (PROVO)

- Major: Geography (Environmental Studies emphasis)
- Department of Geography Valedictorian
- Magna Cum Laude

Experience

GIS TECHNICIAN | CENTRAL UTAH WATER CONSERVANCY DISTRICT | JULY 2020 - CURRENT

- Pioneer story maps for presentations
- Design maps for various departments according to their needs
- Publish services to and manage data on the server
- Coordinate with engineers to update assets in the geodatabases
- Write scripts to automate and streamline GIS-related workflows

GIS INTERN | CENTRAL UTAH WATER CONSERVANCY DISTRICT | MARCH 2019 – JULY 2020

- Tracked down missing easement documents and utilized COGO tools to add the easements into a feature class
- Accelerated editing of assets in the geodatabases through completion of redlines from engineers
- Incorporated a facility and its assets into a geodatabase using georeferenced engineering drawings
- Aided GIS Analysts in various projects

Skills & Abilities

GEOGRAPHIC INFORMATION SYSTEMS

- Esri products (ArcGIS Pro, ArcGIS Online, ArcGIS Enterprise, ArcMap, StoryMaps for ArcGIS, Dashboards, ArcGIS JavaScript and Python APIs)

DEVELOPMENT & DATABASES

- Front-end Web Application Development (JavaScript, HTML, CSS, Bootstrap, AJAX); Back-end Web Application Development (Java); Mapping & Visualization JavaScript Libraries (Leaflet, Google Maps Platform APIs, D3); Analysis & Automation (Python); PostgreSQL databases and SQL

OTHER PROGRAM SKILLS

- Adobe Illustrator and Photoshop; Microsoft Office products