

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 and custom applications 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

- ArcGIS (Esri) products: Pro, Online, Enterprise, ArcMap, StoryMaps, Dashboards
- Mapbox

DEVELOPMENT & DATABASES

- Languages: HTML, CSS, JavaScript, Python, SQL, Java, C#, ArcGIS Arcade
- APIs & Libraries: Bootstrap, jQuery, ArcGIS Maps SDK for JavaScript, D3, Leaflet, Mapbox GL JS, Google Maps Platform, ArcGIS API for Python, Arcpy, Tkinter
- Databases: PostgreSQL, Esri Geodatabases
- GitHub

OTHER PROGRAM SKILLS

- Adobe Creative Suite: Illustrator and Photoshop
- Microsoft Office: Word, PowerPoint, Excel