Aspen Neville

American Fork, UT | (970)331-4344 | aspeneneville@gmail.com

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

DEVELOPMENT & DATABASES
· Languages: HTML, CSS, JavaScript, Python, SQL, Java, C#, ArcGIS Arcade
· APIs & Libraries: Bootstrap, jQuery, ArcGIS Maps SDK for JavaScript, D3, Mapbox, Leaflet, 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