

Cora B. Johnson

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Please visit <https://corabjohnson.github.io/CoraBJohnson/> to view my portfolio.

Education

University of Wisconsin-Madison

M.S. in GIS and Web Map Programming, August 2023

Earlham College, Richmond, IN

B.A. in Environmental Science & Geology, May 2019

Technical Skills

Languages: Python, SQL, JavaScript, Java, HTML5, CSS, Leaflet, jQuery

Relational Databases: PostgreSQL, PostGIS, PGAdmin, Microsoft Access

Software Applications: ESRI ArcGIS, QGIS, Adobe Illustrator, TkInter, Microsoft Excel

Code Versioning: GitHub

Professional Experience

Capital Area Regional Planning Commission, Madison, WI

February 2022 to present

GIS Intern

- Completed a 2022-1937 historical imagery-based forest patch inventory, analysis, and web application for a 77,000-acre watershed
- Created a regional Green Infrastructure Attachment Viewer
- Updated the Dane County Land Use Inventory for 2020
- Georectified 35 townships for the 1926 Dane County Township Map

Wisconsin Emergency Management, Madison, WI

August 2020 to February 2022

GIS Analyst

- Collaborated with Hazard Mitigation team on mapping and planning projects
- Developed and published Wisconsin-specific National Risk Index maps
- Created a local plan hazard rankings database and maps
- Created ESRI StoryMaps about mitigation efforts in Gays Mills and Rock Springs
- Presented at Wisconsin Silver Jackets meeting and FEMA Region V conference

Planning and Zoning Department, Jefferson County, MO

June 2019 to July 2020

Planner 1 / GIS Technician

- Researched and presented planning and zoning reports
- Maintained zoning layer for ArcGIS Online Property Viewer
- Produced static map products for county planning & zoning department