Cora B. Johnson

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Education

University of Wisconsin-Madison – In Progress Expected Graduation: August 2023
Master of Science, GIS Development

Earlham College, Richmond, Indiana
Bachelor of Arts, Environmental Science, Geology GPA 3.44/4.0 (May 2019)

Relevant Coursework:

- Introduction to Geocomputing
- Graphic Design in Cartography
- Spatial Databases
- Introduction to Cartography
- Applications of GIS

Work Experience

GIS Intern *Capital Area Regional Planning Commission, Madison, Wisconsin* (February 2022 to Present)

Support GIS manager on GIS projects 12 hours per week

- DELIVERABLES
  - Dane County Land Use Inventory
  - Green Infrastructure Attachment Viewer
  - Georectified 1926 Dane County Township Maps
- SKILLS/ABILITIES/SOFTWARE
  - Georectification
  - ESRI ArcGIS Online Web Apps

GIS Analyst *Wisconsin Emergency Management, Madison, Wisconsin* (August 2020 to February 2022)

Collaborate with Hazard Mitigation team on mapping and planning projects 15-40 hours per week

- DELIVERABLES
  - Wisconsin-specific National Risk Index
  - StoryMaps for Gays Mills Loss Avoidance Study and Rock Springs
  - Local Plan Hazard Rankings Database and Maps
  - Wisconsin Hazard Mitigation Plan 2021 Update
  - County land cover maps
  - Success Stories web app
  - Parcels along highways web app
  - Survey123 Closeout report template
- SKILLS/ABILITIES/SOFTWARE
  - Research
  - Data analysis
  - Communication
  - ESRI ArcMap 10.7 and ArcGIS Pro
  - ESRI ArcGIS StoryMaps
  - SQL Queries
  - Microsoft Access
  - Adobe Illustrator

Planner 1 / GIS Technician *Jefferson County, Missouri* (June 2019 to July 2020)

Researched and presented planning & zoning reports and fulfilled the department's GIS needs

- DELIVERABLES 40 hours per week
  - Map products for county planning & zoning department
  - Maintenance of Zoning layer for ArcGIS Online Property Viewer
  - Infographics for rezoning, development plan processes
  - Reports for planning & zoning commission & board of adjustment meetings
- SKILLS/ABILITIES/SOFTWARE
  - ArcMap 10.7 and versioning database
  - ArcGIS Online Map viewers