

Allison Bakalars

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Education

University of Wisconsin-Madison, Spring 2025

- B.S. Cartography/Geographic Information Systems, Physical Geography, History, & Environmental Studies
- Minor: Data Science

Relevant Coursework

- Introduction to Geographic Information Systems
- Introduction to Scientific Communication
- Introduction to Geocomputing
- Data Science Programming & Engineering
- Invasive Species Management
- Environmental Biogeography
- Geomorphology
- Introduction to Remote Sensing
- Geospatial Database Design and Development
- Graphic Design in Cartography

Skills

- Knowledge in Python, ENVI, Google Products, Microsoft Products, & WordPress
- Strong written and verbal communication
- Strong motivation to learn
- Effective problem-solving for complex issues
- Directed field work at the UW-Madison Arboretum and campus
- Adobe Illustrator
- ArcGIS Pro, Online, Indoors, Story Maps, & Field Maps
- Knowledge of underground utility systems
- Facilities management
- Ability to complete multiple projects in a fast-paced environment

Experience

UW-Madison Facilities Planning & Management - Physical Plant - Operations & Maintenance - Campus Mapping May 2024 - Present | GIS Student Field Technician

- Used GNSS antennas to conduct field work for various departments including underground utilities
- Used ArcGIS Indoors to add assets and data to indoor utility floor plans
- Communicated with office and trade staff on location updates
- Worked efficiently and accurately within deadlines
- Completed quality control on field collected data and asset information

The Nonviolence Project: March 2024 - Present | Web Designer

- Collected data on all articles written for the project
- Utilized HTML and WordPress to upload articles to the Nonviolence Project website
- Used ArcGIS Online to create an interactive map for site users
- Spread awareness for the public history of nonviolent movements and leaders

University Housing Desk Services: May 2023 - May 2024 | Desk Supervisor

- Supervised over 20 staffers to ensure that multiple desks were operational, welcoming, and effective
- Coordinated with professional, office, custodial, and university staff to provide university residents & programs with necessary information and materials
- Performed audits of residential keys and resources for multiple desks
- Managed staff timecards, schedules, and meetings

Extracurriculars

Euchre Club President May 2023 - Present

- Managed day-to-day operations and the club website

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- Completed reregistrations and paperwork to maintain good standing with the university
- Facilitated tournaments with euchre clubs from other universities
- Advertised the club to prospective students

Phi Alpha Theta Vice President May 2024 - Present

- Coordinated with the History Department and other campus offices for events
- Assisted the president with daily operations
- Managed the goals and outcomes of the club
- Handled intraboard disputes