

# CADEN S. MILLER

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GitHub: [github.com/cadenmiller/portfolio.git](https://github.com/cadenmiller/portfolio.git)

## EDUCATION

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**Ohio University** | Athens, OH Graduating: May 2026  
*Bachelor of Science in Geography – Geographic Information Science* GPA: 3.4

## GIS EXPERIENCE

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**Ohio Mid-Eastern Governments Association** | Cambridge, OH January 2025 - Present  
*GIS Student Intern (remote)*

- Create asset maps supporting Appalachian Regional Commission grant applications using ArcGIS Products
- Produce crash data visualizations and maps to be published in the Regional Roadway Safety Plan
- Develop a georeferencing workflow to digitize township cemetery records and various other dashboards

**Ohio Department of Transportation** | Columbus, OH May 2025 - August 2025  
*College Intern – Office of Geotechnical Engineering*

- Georeferenced and updated historic geotechnical data using ArcGIS Pro for public access via ODOT TIMS
- Built a model to automate tedious data entry for geotechnical boring points
- Supported field explorations, geohazard inventory entry in ArcGIS Field Maps, and Electrical Resistivity testing

**Licking County Planning & Development** | Newark, OH July 2024 - August 2024  
*Planning Intern – Licking County Planning Commission*

- Collected, organized, and analyzed GIS data for parcels in violation of environmental regulations
- Inspected and photographed construction sites while collaborating with county staff and the public
- Updated data in Microsoft Excel to create GIS layers in ArcMap to help visualize and prioritize site visits

## LEADERSHIP AND OTHER ROLES

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**Kappa Kappa Psi** (Honorary Band Fraternity) | Athens, OH April 2024 - Present  
*Treasurer*

**Ohio University Central Food Facility** | Athens, OH January 2024 - May 2025  
*Office/Billing Assistant*

**Kiedrowski's Bakery** | Amherst, OH May 2020 - June 2024  
*Production Assistant/Shift Leader*

**Lowe's Home Improvement** | Lorain, OH April 2022 - August 2022  
*Customer Service Associate*

## COURSEWORK AND PROJECTS

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**Ohio University Department of Geography** August 2022 – present  
Capstone Research Project (Spatial Inequity in Rural Food Deserts) | Advanced Spatial Analysis and GIS |  
Cartography I and II | Engineering Programming | Principles of GIS | Principles of Remote Sensing | Economic  
Data Analysis | Statistics in Geography

## HONORS AND RECOGNITION

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**Geography Study Away Scholarship Award** | Ohio University, Athens, OH Spring 2024  
**President's List, Dean's List** | Ohio University, Athens, OH 2023 - Present

## SKILLS

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Esri Products (ArcGIS Pro, Online, FieldMaps, etc.) | QGIS | HTML | Python | JavaScript | SQL | Excel |  
Google Workspace | Microsoft Office Suite | Geospatial and quantitative analysis | Database management | Field  
data collection (Trimble GNSS survey pole, mobile GIS) | Able to read construction blueprints and georeference  
engineering drawings | Attention to detail in repetitive data entry | Personable, cooperative, effective in team  
environments | Problem-solver and good communicator | Passion for geography, mapping and spatial visualization