

Lauren Hickman

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EDUCATION

Temple University, Philadelphia, PA – Expected 2025

-Geographic Information Systems Professional Science Masters

University of Central Florida, Orlando, FL - Dec 2022

-Bachelor of Science - Environmental Studies

-Undergraduate Certificate - Geographic Information Systems

EXPERIENCE

Colliers Engineering and Design - Philadelphia, PA

2024-Present

GIS Technician

- Participation in GPS data collection and field mapping with GIS platforms
- Performance of quality control procedures to validate spatial data accuracy and completeness
- Collaboration with team members to update maps, spatial databases, and GIS applications for clients

Intern

- Demonstrated eagerness to learn and apply new GIS techniques and methodologies in a professional environment
- Participated in meetings and presentations to communicate findings and project updates

UCF - Orlando, Florida

2021-2022

Teaching Assistant

- Aided one professor and a class of 20+ students in the Advanced GIS Applications for Environmental Studies course with weekly lectures and assignments in topics including spatial analysis, 3D analysis, and field collection
- Facilitated scheduled weekly assistance of class topics, scored and released student assignment grades in a timely manner

Florida Department of Transportation - UCF - Orlando, FL

2022

Environmental Cost Surface Modeling for New Highways

- Utilized ArcGIS Pro software and Spatial Modelbuilder to create a "cost surface" raster to represent the social, cultural, and environmental aspects of the Florida Northwest Water Management District
- Collaborated with several students to complete project responsibilities and communicate with a professional client

Fleet Farming Volunteers- Central Florida - Nonprofit Urban Agriculture Program

2018-2020

UCF Arboretum Volunteers - Orlando, Florida - Arboretum Program

2018-2022

RELEVANT COURSEWORK

Concepts in Computer Science, GIS for Environmental Studies, Advanced GIS Applications for Environmental Studies, Directed Independent Research (GIS), Web Mapping and GIS, GIS Programming

TECHNICAL SKILLS

ArcMap, ArcGISPro, ArcDesktop, ArcGIS Online, FieldMaps, Python, Leaflet, Javascript