Lauren Hickman

Philadelphia, PA | LaurenHickman98@Gmail.com

**EDUCATION**

**University of Central Florida, Orlando,** **FL - Dec 2022**

-Bachelor of Science - Environmental Studies

-Undergraduate Certificate - Geographic Information Systems

**Temple University, Philadelphia, PA – In Progress**

-Geographic Information Systems Professional Science Masters

**PROFESSIONAL EXPERIENCE**

**Colliers Engineering and Design -** Philadelphia, PA **2024-Present**

*Intern*

**Advanced GIS Applications for Environmental Studies - UCF -** Orlando, Florida **2021-2022**

*Undergraduate Teaching Assistant*

* Aided one professor and a class of 20+ students with daily lectures and assignments in advanced GIS topics including spatial analysis and 3D analysis
* Facilitated weekly assistance of class topics for students
* 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

**VOLUNTEER EXPERIENCE**

**Fleet Farming -** Central Florida - Nonprofit Urban Agriculture Program **2018-2020**

**UCF Arboretum -** 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)**

**TECHNICAL SKILLS**

**ArcMap, ArcGISPro, ArcDesktop, ArcGIS Online, ArcGIS Collector**

**Fundamentals of Python, Fundamentals of Web Mapping**