

# William Olson

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## Objective

Natural Resource Conservation student with a passion for GIS seeking to advance technical and soft skills through work experience.

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## Education

### **Undergraduate Student at University of Florida**

**Expected Graduation Spring 2026**

Major: Natural Resource Conservation with a specialized focus in Geographic Information Systems (GIS)

Natural Resource Conservation (NRC) is an interdisciplinary major where ecology, field applications, sampling, GIS technology and natural resource policy is studied.

GPA: 3.92

### **Associate of Arts, Honors at Broward College**

**Fall 2019 – Spring 2021**

Associate's Degree with a focus in Business

As a sophomore in high school, I applied and was accepted into an accelerated program for junior and senior year wherein I obtained my high school diploma and Associate's degree simultaneously. Graduated with Honors.

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## Experience

### **Research Tutorial Abroad – Student Researcher**

**June 2023 – July 2023**

Berlin, Germany

- Selected by the University of Florida to assist the Technical University of Berlin with a team research project focused on creating a visual decision-making tool using ArcGIS in Germany.
- Project was concentrated on data collection and documentation and achieved the goal of the digitization of historic site data to support climate change mitigation measures.

### **University of Florida, Sanibel Symposium – Student Assistant**

**September 2022 – May 2023**

Gainesville, FL

- Utilized Microsoft Excel to manage international symposium attendees travel itineraries, verify funding arrangements, document speaking schedules, detail guest contact information, and simplify logistics.
  - Communicated in email, telephone, and in-person format with professors, symposium attendees, and host location staff to facilitate a successful event.
  - Used Microsoft publisher to design from concept to publication and subsequently distribute the Sanibel Symposium annual program.
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## Notable GIS Projects

### **Panther and Wildlife Crossing**

This project studies the link between wildlife crossings, traffic counts, and Florida panther deaths in southern Florida with the use of ArcGIS Pro. It aims to assess the effectiveness of these crossings in preventing collisions and to find new locations for future crossings.

### **Solar Energy Site Analysis**

I used ArcGIS Pro to analyze geospatial data and identify optimal sites for energy development. I conducted land use assessments, roadway proximity analysis, slope evaluation, and sunshade analysis. Based on these parameters, I developed binary and ranking suitability models to support solar energy planning and provide a reference for future projects.

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## Leadership and Awards

Treasurer of Organic and Sustainable Agriculture Club

**Fall 2023 - current**

Recipient of LaFontaine Scholarship – UF School of Forest, Fisheries, and Geomatic Sciences

**Fall 2025**

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## Skills

### **Geospatial Technologies**

Proficient in ArcGIS  
Skilled in using handheld GPS devices  
Foundational knowledge of R for data processing

### **Office Skills**

Proficient in Microsoft Office Suite  
Comfortable with remote meeting resources  
Receptive and adept with new software programs

My website, [https://wolsongis.github.io/my\\_resume/](https://wolsongis.github.io/my_resume/), contains additional information about work experience and projects.