

SKILLS

- ESRI Arc Pro
- ESRI ArcMap
- ArcGIS Online
- SNAP (Sentinel Application Platform)
- Geospatial Data Collection
- Report Writing
- HTML
- JavaScript
- CSS
- Microsoft Office
- Time Management
- Public Speaking
- Flexibility
- Cooperation

EXPERIENCE

GIS ANALYST | 10/2022 to Current **Applied Ecology Inc. - Orlando, FL**

- During our company's wetland delineation project for Orange County, I digitized the changes in wetlands over 10-year increments. The team also obtained UAS aerial imagery during field visits, and I was responsible for the post processing of this data through BaySpec and georeferencing the results in ArcPro. Once this was completed, I collaborated with our environmental scientist to identify training sites for spectral extraction and supervised classification.
- I write weekly and monthly reports on bloom activity in the Indian River Lagoon. This process includes downloading and processing Sentinel imagery for chlorophyll A concentrations through SNAP and later visualizing that data in ArcPro. On a monthly basis I identify trends in this data and work with a multidimensional mosaic to obtain the monthly averages by basin.
- During a groundwater nutrient evaluation project, I actively participated in spatial data collection. With this spatial data I identified areas at increased risk for groundwater pollution based on proximity to known contributors of various nutrients. This resulted in nutrient hotspots that were tagged for future monitoring.

GRADUATE TEACHING ASSISTANT | 01/2021 to 12/2022 **Florida Atlantic University - Remote**

- Prepared portions of everyday materials for distance learning courses to ensure the professor's semester ran smoothly. Assisted with the following courses "Culture and Environment: Latin America and the Caribbean" and "American Cultural Landscape"

BIOLOGY TEACHER | 08/2021 to 10/2022 **Orange County Public Schools - Winter Garden, FL**

- This job allowed me to work in both a team setting and as a leader in the classroom. I worked weekly with my PLC (Professional Learning Committee) to analyze student performance data and create new lesson plans. As a teacher I was able to improve my flexibility and problem-solving skills by finding new ways to present information so that every student could better understand biology.

TECHNICIAN | 08/2019 to 08/2021 **Enhanced Medication Services - Orlando, FL**

- Called approximately 150 patients and doctors a day to ensure patients with various insurance plans receive the best care possible. I spent roughly 7 hours a day utilizing my public speaking skills and patient relations as each patient's situation presents a new problem to solve. I trained many technicians to improve their productivity.

EDUCATION AND TRAINING

EMERGENCY DEPARTMENT SCRIBE | 09/2018 to 08/2019

ScribeAmerica - Winter Garden, FL

- Created legal medical documents regarding a patient's stay in the emergency department. This job required awareness of all events occurring in the emergency department, as well as time management skills to complete each patient's charts in a timely manner

Florida Atlantic University - Boca Raton, FL

Master of Science

Geosciences, **12/2022**

- Graduated with a Masters in Geosciences along with certificates in Geographic Information Systems and Remote Sensing

University of Central Florida - Orlando, FL

Bachelor of Science

Biology, **12/2020**

- Graduated with a Bachelors in Biology and Biomedical Sciences, along with a minor in Psychology

University of Central Florida - Orlando, FL

Coding Certificate

Coding Bootcamp, **Expected in 10/2023**

- Currently enrolled in a coding bootcamp through UCF