

# Olivia Smith

## EDUCATION

### Yale University, MS in Environmental Science

2018 - 2020

- GPA: 3.8
- Coursework: *Environmental Data Analysis, Climate Modeling, Geospatial Analysis*
- Thesis: "Quantifying the Impact of Climate Change on Coastal Ecosystems Using Machine Learning Models, highlighting a 15% increase in predictive accuracy."

### Stanford University, BS in Statistics

2014 - 2018

- GPA: 3.9
- Graduation project: developed a predictive model for air quality indices, resulting in a 25% improvement in forecasting accuracy.

## SKILLS

Statistical Analysis (R, Python)	Expert
Machine Learning (Scikit-learn, TensorFlow)	Expert
Geographic Information Systems (ArcGIS, QGIS)	Expert
Data Visualization (Tableau, matplotlib)	Expert
Environmental Impact Assessment	Expert

## COURSES

### Statistical Analysis Using Python, Udemy

2020

### Advanced Geographic Information Systems (GIS), edX

2020

### Machine Learning for Environmental Data Analysis, Coursera

2020

# Environmental Analyst

## PROFESSIONAL SUMMARY

Skilled in deriving insights from complex environmental data sets to inform strategic decisions. Seeking to apply analytical expertise to drive sustainable solutions, contributing to environmental conservation efforts in a dynamic and impactful role.

## EXPERIENCE

### Data Analyst, Environmental Research Institute, Washington, D.C.

October 2020 - Now

- Enhance predictive models for air quality indices, yielding a 20% accuracy improvement, aiding better pollution control strategies.
- Conduct comprehensive statistical analysis correlating pollution levels with weather patterns, supporting informed environmental policy decisions.
- Integrate GIS data into statistical models, facilitating more accurate environmental impact assessments.

### Data Analyst, Conservation Foundation, New York, NY

June 2018 - October 2020

- Analyzed biodiversity trends for the development of conservation strategies for endangered species.
- Automated data collection processes, reducing manual effort by 30% and improving data accuracy.
- Generated data reports, aiding stakeholders in decision-making for conservation efforts.

## PROFESSIONAL AFFILIATIONS

### Environmental Data Consortium

2022 - Now

### Society for Conservation GIS

2021 - Now

## CONTACT DETAILS

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