

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

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|---|--------|
| 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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