



MICHAEL ANDERSON

LEAD ENVIRONMENTAL SPECTROSCOPY SCIENTIST

CONTACT

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-  San Francisco, CA

SKILLS

- Environmental Spectroscopy
- ICP-MS
- Air Quality Assessment
- Data Management
- Community Engagement
- Technical Writing

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE, GREEN UNIVERSITY, 2011

ACHIEVEMENTS

- Led a project that secured a \$500,000 grant for pollution research.
- Recognized with the 'Environmental Excellence Award' in 2019.
- Contributed to a study that influenced local environmental regulations.

PROFILE

Experienced Spectroscopy Scientist specializing in environmental applications with over 10 years of hands-on experience. I have a robust background in utilizing various spectroscopic techniques to evaluate pollutants and assess environmental impact. My career has been marked by significant contributions to research projects aimed at improving air and water quality through advanced analytical methods.

EXPERIENCE

LEAD ENVIRONMENTAL SPECTROSCOPY SCIENTIST

CleanEarth Solutions

2016 - Present

- Directed a team of scientists in developing spectroscopic methods to detect contaminants in water sources.
- Implemented a new protocol that improved detection limits by 30% in field studies.
- Collaborated with local governments to assess air quality using portable spectrometry devices.
- Published findings in environmental journals, influencing policy changes on pollution control.
- Coordinated with stakeholders to facilitate community awareness campaigns on water safety.
- Managed project budgets and timelines, ensuring successful project delivery.

SPECTROSCOPY ANALYST

EcoAnalytica

2014 - 2016

- Conducted spectroscopic analyses on soil samples to evaluate heavy metal contamination.
- Utilized ICP-MS and UV-Vis spectroscopy to quantify pollutant levels accurately.
- Assisted in developing a database for tracking environmental samples and results.
- Participated in field sampling efforts, enhancing practical understanding of environmental challenges.
- Provided technical support for the deployment of spectroscopic instruments in remote locations.
- Presented data at regional environmental conferences, fostering collaboration among scientists.