



# Michael ANDERSON

## AIR QUALITY MODELER

I am a dedicated Environmental Modeling Scientist with over 6 years of experience specializing in air quality modeling and environmental health. My work involves the development and application of predictive models to assess air pollution impacts on public health and ecosystems. I have a strong command of atmospheric modeling software and statistical analysis, which enables me to derive insights from complex datasets.

### CONTACT

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- 📍 San Francisco, CA

### SKILLS

- Air Quality Modeling
- Data Analysis
- GIS
- Environmental Health
- Statistical Software
- Community Engagement

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

**BACHELOR OF SCIENCE IN  
ENVIRONMENTAL SCIENCE,  
UNIVERSITY OF TEXAS**

### ACHIEVEMENTS

- Received the 2021 Clean Air Award for outstanding contributions to air quality research.
- Played a key role in a project that led to a 15% decrease in regional air pollution.
- Co-authored a publication that was recognized as a top article in environmental health journals.

### WORK EXPERIENCE

#### AIR QUALITY MODELER

Clean Air Initiative

2020 - 2025

- Developed air quality models to predict pollution levels in urban areas.
- Analyzed data from monitoring stations to validate model accuracy.
- Collaborated with public health officials to assess health risks associated with air pollution.
- Prepared reports and visualizations to communicate findings to stakeholders.
- Led community workshops to raise awareness about air quality issues.
- Utilized statistical software for data analysis, improving model predictions by 20%.

#### ENVIRONMENTAL DATA ANALYST

Air Quality Research Group

2015 - 2020

- Conducted research on the health effects of air pollutants, contributing to peer-reviewed publications.
- Utilized GIS tools to map air quality trends across regions.
- Engaged with community stakeholders to disseminate research findings.
- Assisted in developing air quality monitoring programs for local governments.
- Analyzed historical air quality data, identifying key pollution sources.
- Supported grant applications for projects focused on air quality improvement.