



Michael ANDERSON

VIROLOGY DIAGNOSTIC SPECIALIST

I am a passionate virologist with 7 years of specialized experience in viral diagnostics and outbreak response. My career has been driven by the urgency of public health needs, particularly in rapidly identifying and responding to emerging viral threats. I have developed expertise in molecular diagnostic techniques, including PCR and next-generation sequencing, to facilitate timely and accurate identification of viruses.

CONTACT

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- 📍 San Francisco, CA

SKILLS

- Molecular Diagnostics
- Public Health
- Epidemiology
- Laboratory Techniques
- Training and Development
- Data Analysis

LANGUAGES

- English
- Spanish
- French

EDUCATION

M.SC. IN VIROLOGY, UNIVERSITY OF ILLINOIS

ACHIEVEMENTS

- Improved viral diagnostic turnaround time by 40% through workflow optimization.
- Led a successful public health campaign that decreased flu cases by 25%.
- Recognized for outstanding contributions to outbreak response efforts by the health department.

WORK EXPERIENCE

VIROLOGY DIAGNOSTIC SPECIALIST

State Health Laboratory

2020 - 2025

- Performed real-time PCR assays for rapid viral detection in clinical samples.
- Developed protocols for handling and testing potentially infectious specimens.
- Collaborated with epidemiologists to investigate outbreaks of respiratory viruses.
- Trained laboratory personnel on best practices for viral diagnostics.
- Optimized laboratory workflows to improve turnaround time for results.
- Participated in quality assurance programs to ensure test accuracy.

PUBLIC HEALTH VIROLOGIST

City Health Department

2015 - 2020

- Engaged in epidemiological investigations of viral outbreaks.
- Provided technical support for public health initiatives targeting viral infections.
- Coordinated training workshops for healthcare providers on outbreak response.
- Analyzed data to identify trends in viral infections within the community.
- Collaborated with community organizations for health education campaigns.
- Documented investigative reports for public health records.