



MICHAEL ANDERSON

BIOPHYSICAL CHEMIST

CONTACT

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-  San Francisco, CA

SKILLS

- Surface Plasmon Resonance
- Fluorescence Spectroscopy
- Data Analysis
- Laboratory Management
- Grant Writing
- Protein Dynamics

LANGUAGES

- English
- Spanish
- French

EDUCATION

M.SC. IN BIOCHEMISTRY, NATIONAL UNIVERSITY

ACHIEVEMENTS

- Co-authored 5 publications in high-impact journals.
- Received the 'Excellence in Research Award' at the annual conference.
- Successfully developed a diagnostic tool that improved accuracy by 20%.

PROFILE

With a robust academic background and 5 years of hands-on experience in biophysical chemistry, I specialize in the study of biomolecular interactions. My expertise includes using surface plasmon resonance and fluorescence spectroscopy to investigate protein dynamics. I have contributed to several interdisciplinary teams, aiding in the development of diagnostic tools for disease detection.

EXPERIENCE

BIOPHYSICAL CHEMIST

MediTech Solutions

2016 - Present

- Utilized surface plasmon resonance to study protein-protein interactions.
- Developed and validated fluorescence-based assays for biomolecular analysis.
- Collaborated with software engineers to create data analysis tools.
- Presented research findings to stakeholders and at industry conferences.
- Managed laboratory resources and ensured compliance with safety protocols.
- Participated in grant writing efforts, securing funding for research projects.

RESEARCH ASSOCIATE

Life Sciences Institute

2014 - 2016

- Conducted experiments to elucidate protein-ligand binding mechanisms.
- Employed circular dichroism to analyze protein folding patterns.
- Assisted in the development of novel therapeutic agents targeting metabolic diseases.
- Maintained accurate records of experimental procedures and results.
- Collaborated closely with senior researchers on various projects.
- Contributed to the preparation of scientific publications and presentations.