

# MICHAEL ANDERSON

Biophysical Chemist

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I am a motivated Biophysical Chemist with 4 years of experience specializing in the characterization of biomolecules and their interactions. My research has equipped me with the skills necessary to utilize various biophysical techniques, including fluorescence spectroscopy and circular dichroism, to understand the structural dynamics of proteins and nucleic acids. I am passionate about applying my knowledge to explore new avenues in drug discovery and development.

## WORK EXPERIENCE

### Biophysical Chemist | Protein Dynamics Lab

Jan 2022 – Present

- Characterized protein interactions using fluorescence spectroscopy techniques.
- Conducted circular dichroism experiments to analyze protein conformations.
- Collaborated with teams on drug discovery projects focused on enzyme inhibitors.
- Maintained laboratory inventory and ensured proper equipment usage.
- Assisted in preparing research proposals for funding opportunities.
- Participated in journal clubs to discuss recent publications and findings.

### Laboratory Technician | Biochemical Solutions

Jul 2019 – Dec 2021

- Supported laboratory operations by preparing reagents and samples.
- Learned to operate various analytical instruments under supervision.
- Assisted in data collection and analysis for ongoing research projects.
- Maintained detailed records of experimental procedures.
- Engaged in team meetings to discuss project progress and challenges.
- Contributed to the development of standard operating procedures.

## SKILLS

Fluorescence Spectroscopy

Circular Dichroism

Data Analysis

Laboratory Techniques

Scientific Communication

Team Collaboration

## EDUCATION

### B.Sc. in Biochemistry

2015 – 2019

State University

## ACHIEVEMENTS

- Presented research findings at a regional conference, receiving 'Best Presentation' award.
- Contributed to a publication in a peer-reviewed journal during tenure.
- Successfully assisted in a project that led to a new drug candidate.

## LANGUAGES

English

Spanish

French