# MA

# Michael
## ANDERSON

## CONTACT

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- San Francisco, CA

## SKILLS

- STEM education
- Curriculum development
- Data visualization
- Statistical analysis
- Program evaluation
- Educational research

## LANGUAGES

- English
- Spanish
- French

## EDUCATION

**PHD IN STEM EDUCATION, STANFORD UNIVERSITY**

## ACHIEVEMENTS

- Published a seminal study on factors influencing STEM engagement among high school students.
- Received the STEM Education Innovator Award in 2020 for outstanding contributions to the field.
- Secured over $1.5 million in research grants to support STEM education initiatives.

## CURRICULUM RESEARCHER

Detail-oriented Education Research Scientist with a focus on STEM education and curriculum development. Over 7 years of experience in conducting rigorous studies to enhance science and mathematics education in K-12 settings. Expertise in utilizing advanced statistical techniques and data visualization tools to analyze educational data. Committed to fostering student engagement in STEM fields through research-based strategies.

## WORK EXPERIENCE

### CURRICULUM RESEARCHER

Association for Science Technology Education

2020 - 2025

- Led research projects focused on improving STEM curriculum in middle schools.
- Developed assessment tools to measure student understanding of scientific concepts.
- Analyzed data from national assessments to identify trends in student performance.
- Collaborated with educators to pilot new curriculum materials in classrooms.
- Presented findings to educational boards, influencing state curriculum standards.
- Increased student engagement in STEM subjects by 20% through targeted interventions.

### DATA ANALYST FOR STEM EDUCATION

National Science Foundation

2015 - 2020

- Conducted analyses on grant-funded educational programs aimed at enhancing STEM education.
- Utilized data visualization tools to present findings to stakeholders effectively.
- Collaborated with cross-functional teams to evaluate program effectiveness.
- Authored reports that shaped funding strategies for educational initiatives.
- Increased the impact of research findings by creating accessible online dashboards.
- Reduced data processing time by 30% through automation of reporting systems.