



Michael ANDERSON

DIRECTOR OF STEM EDUCATION

Results-driven Physics Education Specialist with over 10 years of experience in developing educational programs aimed at enhancing STEM literacy among high school students. My expertise lies in curriculum design, professional development for teachers, and implementing innovative teaching strategies that promote student engagement and success.

CONTACT

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- San Francisco, CA

SKILLS

- Curriculum Development
- Professional Development
- Data Analysis
- Project-Based Learning
- STEM Advocacy

LANGUAGES

- English
- Spanish
- French

EDUCATION

**MASTER OF SCIENCE IN PHYSICS,
STANFORD UNIVERSITY, 2012**

ACHIEVEMENTS

- Increased district-wide student participation in physics courses by 30%.
- Secured funding for STEM programs that benefited over 500 students.
- Published articles on effective teaching strategies in educational journals.

WORK EXPERIENCE

DIRECTOR OF STEM EDUCATION

City School District

2020 - 2025

- Led the development of a district-wide physics curriculum that enhanced STEM literacy.
- Facilitated professional development workshops for over 100 educators.
- Implemented project-based learning strategies that increased student engagement by 40%.
- Collaborated with local businesses to create internship opportunities for students.
- Analyzed student performance data to drive curriculum improvements.
- Received 'Innovator of the Year' award from the local education board.

PHYSICS TEACHER

Sunrise High School

2015 - 2020

- Taught advanced placement physics and improved student scores on AP exams by 20%.
- Integrated technology into lessons to facilitate interactive learning experiences.
- Mentored students in research projects that won regional science fairs.
- Developed hands-on lab activities that promoted critical thinking skills.
- Collaborated with fellow teachers to create interdisciplinary projects.
- Recognized as 'Teacher of the Year' for exceptional contributions and leadership.