



MICHAEL ANDERSON

STEM Curriculum Developer

Analytical and results-driven Curriculum Planner with over 5 years of experience in the field of STEM education. Expertise in designing curricula that foster critical thinking and problem-solving skills in students. Proven ability to collaborate with educators and industry partners to create relevant and engaging STEM programs. Strong background in conducting research to inform curriculum development and assess student learning outcomes.

CONTACT

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- San Francisco, CA

EDUCATION

Master's in Curriculum and Instruction

University of STEM Education
2016-2020

SKILLS

- Curriculum Development
- STEM Education
- Project-Based Learning
- Research Analysis
- Teacher Training
- Program Evaluation

LANGUAGES

- English
- Spanish
- French

WORK EXPERIENCE

STEM Curriculum Developer

2020-2023

Innovative Science Academy

- Developed STEM curriculum that led to a 50% increase in student participation in science fairs.
- Collaborated with local industry partners to integrate real-world applications into curriculum.
- Facilitated training for teachers on project-based learning strategies.
- Implemented assessment tools to evaluate student understanding of STEM concepts.
- Conducted research to identify best practices in STEM education.
- Monitored curriculum implementation and provided feedback to educators.

Curriculum Coordinator

2019-2020

Tech Forward School

- Designed and implemented a comprehensive STEM curriculum for grades K-8.
- Increased student engagement in STEM subjects by 35% through innovative programming.
- Collaborated with teachers to align curriculum with state standards.
- Conducted workshops for educators on integrating technology into STEM learning.
- Evaluated program effectiveness using student performance data.
- Established partnerships with local universities for curriculum enrichment.

ACHIEVEMENTS

- Received the STEM Excellence Award for innovative curriculum design.
- Increased science proficiency scores by 40% in a pilot program.
- Presented research findings at national STEM education conferences.