



MICHAEL ANDERSON

MANUFACTURING TECHNOLOGY INSTRUCTOR

CONTACT

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-  San Francisco, CA

SKILLS

- Curriculum Design
- Project-Based Learning
- Industry Partnerships
- Research
- Student Advising
- 3D Printing

LANGUAGES

- English
- Spanish
- French

EDUCATION

**PHD IN MANUFACTURING ENGINEERING,
STANFORD UNIVERSITY**

ACHIEVEMENTS

- Recipient of the 'Excellence in Teaching' award for outstanding contributions to student learning.
- Increased student enrollment in the manufacturing program by 50% over five years.
- Published multiple papers in peer-reviewed journals on advanced manufacturing technologies.

PROFILE

Results-driven Manufacturing Engineering Educator with a decade of experience in academic and industrial settings. Skilled in curriculum design and execution, focusing on real-world applications of manufacturing principles. Proven ability to integrate cutting-edge technologies into the classroom, enhancing student learning and engagement. Strong advocate for experiential learning, emphasizing hands-on projects that prepare students for careers in manufacturing.

EXPERIENCE

MANUFACTURING TECHNOLOGY INSTRUCTOR

Tech Valley Community College

2016 - Present

- Developed and taught courses on advanced manufacturing technologies, focusing on 3D printing and automation.
- Created partnerships with local manufacturers to provide internships for students.
- Implemented a project-based learning approach that improved student satisfaction rates by 35%.
- Utilized industry-standard tools and software to enhance course content.
- Conducted assessments to evaluate student progress and program effectiveness.
- Organized guest lectures from industry experts to provide real-world insights.

ASSISTANT PROFESSOR OF MANUFACTURING ENGINEERING

Metro State University

2014 - 2016

- Designed a new curriculum for the manufacturing engineering program that aligned with ABET accreditation standards.
- Conducted research on sustainable manufacturing practices, resulting in several conference presentations.
- Advised student clubs focused on engineering innovation and community outreach.
- Enhanced laboratory experiences by procuring new equipment and tools.
- Facilitated workshops to develop soft skills among engineering students.
- Promoted interdisciplinary projects that connected manufacturing with environmental science.