



Michael ANDERSON

SENIOR PROTOTYPE ENGINEER

Experienced Prototype Engineer with over 10 years of experience in the medical device industry, specializing in the design and development of prototypes for cutting-edge healthcare solutions. Proven ability to translate clinical requirements into functional prototypes that adhere to strict regulatory standards. Expertise in utilizing advanced prototyping tools and methodologies to enhance product development processes.

CONTACT

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- San Francisco, CA

SKILLS

- Medical Device Design
- Prototype Development
- Regulatory Compliance
- Usability Testing
- Project Management
- Team Leadership

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING, JOHNS HOPKINS UNIVERSITY, 2012

ACHIEVEMENTS

- Successfully led a project that resulted in a prototype that improved patient safety outcomes by 40%.
- Recognized with the 'Excellence in Engineering' award for outstanding contributions to medical device design in 2019.
- Published multiple papers on prototype best practices in medical engineering journals.

WORK EXPERIENCE

SENIOR PROTOTYPE ENGINEER

HealthTech Solutions

2020 - 2025

- Led the design and development of prototypes for innovative medical devices, ensuring compliance with FDA regulations.
- Collaborated with multidisciplinary teams to define project requirements and prototype specifications.
- Utilized advanced 3D modeling software to create accurate prototypes for testing and validation.
- Conducted usability testing with healthcare professionals to gather feedback for prototype optimization.
- Managed project timelines and deliverables, ensuring prototypes were developed within budget.
- Presented prototype designs to stakeholders, effectively communicating technical concepts.

PROTOTYPE ENGINEER

MedInnovate Corp.

2015 - 2020

- Assisted in the development of prototypes for surgical instruments, focusing on ergonomics and functionality.
- Conducted materials testing to ensure prototypes met safety and durability standards.
- Collaborated with manufacturing teams to refine prototype designs for production feasibility.
- Maintained detailed documentation of design iterations and testing results.
- Participated in team meetings to discuss project progress and challenges.
- Contributed to the successful launch of a new medical device prototype within project timelines.