



MICHAEL ANDERSON

Lead Rehabilitation Engineer

I am a passionate Biomedical Engineer Researcher with a focus on the intersection of robotics and rehabilitation. My career has been dedicated to developing robotic systems that assist individuals in regaining mobility and independence post-injury. I have extensive hands-on experience in designing, testing, and refining robotic devices tailored to patient needs.

WORK EXPERIENCE

Lead Rehabilitation Engineer

2020-2023

Rehab Robotics Inc.

- Developed robotic exoskeletons that improved mobility for over 300 patients.
- Collaborated with healthcare teams to customize devices for individual rehabilitation programs.
- Conducted user testing to refine product design, resulting in a 20% increase in user satisfaction.
- Presented findings at national conferences, advocating for technology in rehabilitation.
- Mentored junior engineers, fostering skills in robotics and rehabilitation techniques.
- Secured funding for research aimed at enhancing robotic applications in therapy.

Biomedical Engineer

2019-2020

Smart Rehab Technologies

- Designed and tested assistive robotic devices that improved patient engagement in therapy sessions.
- Collaborated with clinicians to assess the effectiveness of robotic interventions.
- Implemented feedback loops for continuous product improvement based on user experiences.
- Conducted workshops to train healthcare professionals on new technologies.
- Participated in regulatory submissions to expedite product approvals.
- Engaged in community outreach to promote awareness of rehabilitation robotics.

ACHIEVEMENTS

- Received the National Award for Rehabilitation Technology in 2022.
- Developed a robotic therapy device that increased patient recovery rates by 30%.
- Co-authored a widely cited paper on robotic applications in physical therapy.

CONTACT

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EDUCATION

Master's in Robotics Engineering

Georgia Institute of Technology

2014

SKILLS

- Robotics
- Rehabilitation Engineering
- User-Centered Design
- Product Development
- Clinical Collaboration
- Project Management

LANGUAGES

- English
- Spanish
- French