

Anthony Hopkins

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SUMMARY

Biomedical Engineer with over two years' experience in clinical support and data analysis for medical devices. Skilled in troubleshooting and interpreting technical data, emphasizing patient outcomes through collaboration with clinical teams. Expertise in delivering training sessions to healthcare professionals, adhering to regulatory standards and quality protocols. Successfully handled on-call responsibilities, ensuring prompt technical support during high-pressure scenarios. Developed a rapport with physicians and staff alike, confirming the understanding of device operation and creating tailored solutions. A proven ability to work independently while maintaining solid communication across multidisciplinary teams.

EXPERIENCE

Field Clinical Engineer June 2025 - Present
MedTech Solutions Chicago, IL

- Oversaw technical support for mechanical circulatory support systems to ensure optimal functionality throughout clinical trials.
- Analyzed device log files and performance data, identifying areas for improvement in patient-device interactions.
 - Collaborated with R&D teams to refine product features based on actual clinical feedback.
 - Conducted interactive training sessions to empower clinical staff on effective device operations.
 - Participated in a 24/7 on-call support program, providing urgent assistance when needed.
 - Documented observations and trends related to device functionality, driving forward continuous enhancements in product design.
 - Engaged with clinical teams to facilitate compliance with all relevant regulations and quality standards.

Clinical Support Engineer March 2024 - May 2025
CardioTech Innovations Evanston, IL

- Delivered comprehensive on-site and remote support for implantable medical devices in critical healthcare settings.
- Monitored compliance with FDA standards while assisting in clinical trials aimed at enhancing safety and efficiency.
 - Devised insightful training materials that improved clinical staff's technical proficiencies.
 - Resolved complex hardware and software issues by collaborating closely with engineering experts.
 - Maintained meticulous documentation of incidents to uphold applicable quality assurance practices.
 - Partnered with multidisciplinary teams, integrating valuable feedback into ongoing product development.
 - Supported senior clinical staff in their troubleshooting efforts, contributing proactive solutions that enhanced team efficiency.

Biomedical Intern June 2023 - February 2024
Innovative Health Systems Naperville, IL

- Contributed invaluable support to the engineering team in evaluating novel medical device prototypes.
- Assisted in collecting and analyzing data during critical phases of clinical evaluations, fostering thorough reporting.
 - Engaged proactively in training sessions focused on implementing new technologies within clinical settings.
 - Worked alongside regulatory teams to maintain compliance with relevant industry standards and safety protocols.
 - Participated in innovative research projects aimed at advancing mechanical circulatory support system capabilities.
 - Generated presentations summarizing key project findings that influenced strategic recommendations for improvement.

LEADERSHIP & AWARDS

- Dean's List, University of Illinois at Chicago - 2024, 2025
- First Place, University Hackathon - 2025

EDUCATION

Bachelor's Degree in Biomedical Engineering 2026
University of Illinois at Chicago GPA: 3.8 Chicago, IL
Coursework: Medical Devices, Biomechanics, Data Analysis, Clinical Trials

CERTIFICATIONS

- Certified Biomedical Equipment Technician (CBET) 📅 2026
- Basic Life Support (BLS) Certification 📅 2026

TECHNICAL SKILLS

- **Data Analysis Tools:** MATLAB, Excel, Python
- **Technical Documentation:** MS Word, Google Docs, LaTeX
- **Compliance Standards:** ISO 13485, FDA Regulations, IEC 62304
- **Medical Devices:** Implantable Devices, Cardiovascular Devices, Mechanical Support Systems
- **Monitoring Systems:** Telemetry Devices, Performance Analytics, Diagnostic Equipment
- **Collaboration Software:** Slack, Microsoft Teams, Zoom
- **Project Management Tools:** Trello, Asana, JIRA
- **Training Materials:** PowerPoint, Online Learning Platforms, User Manuals
- **Research Methods:** Qualitative Research, Quantitative Analysis, Experimental Design
- **Patient Management:** Patient Records, Care Protocols, Clinical Workflow Integration

SKILLS

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|---------------------|-----------------------------|---------------------------------|----------------------------|
| • Technical Support | • Troubleshooting | • Collaboration | • Regulatory Understanding |
| • Data Analysis | • Medical Device Compliance | • Engineering Principles | • Patient Interaction |
| • Clinical Training | • Communication | • Device Performance Monitoring | |

PROFESSIONAL AFFILIATIONS

- Member, Biomedical Engineering Society - 2024 – Present
- Volunteer, Health Innovation Competition - 2025

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST