

Lorenzo Jennings

Biomedical Engineering Technician

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SUMMARY

Dedicated Biomedical Engineering Technician with over five years of experience in maintaining and repairing medical equipment in healthcare environments. Proven ability to troubleshoot complex technical issues, ensuring optimal functionality and safety. A track record of collaborating effectively with healthcare teams to address equipment concerns, improving overall patient care. Passionate about continuous education, staying current on advancements in biomedical engineering technology. Committed to training healthcare staff on best practices, fostering a culture of excellence in equipment use, repair, and compliance with safety protocols.

EXPERIENCE

Biomedical Engineering Technician

Innovative Health Solutions 📅 June 2021 - Present 📍 Tampa, FL

Lead efforts in the maintenance and repair of over 200 medical devices at Innovative Health Solutions. Focus on equipment that directly impacts patient safety and operational efficiency. Support healthcare operations by addressing technical problems and training staff on proper usage.

- Conduct routine inspections, ensuring all medical devices operate within safety protocols and standards.
- Diagnose issues, achieving a high first-time fix rate, significantly reducing equipment downtime.
- Collaborate with cross-functional teams to elevate service delivery and enhance patient satisfaction.
- Document maintenance activities thoroughly, aiding audits and demonstrating compliance.
- Provide training for healthcare personnel, cultivating a safe and informed workplace.
- Participate in on-call duties, delivering immediate support during critical equipment failures.

Biomedical Technician

HealthTech Innovations 📅 March 2018 - May 2021 📍 Jacksonville, FL

Served as a Biomedical Technician focusing on the upkeep and functionality of a diverse range of medical equipment. Contributed to workflows that ensured seamless integration and compliance with hospital standards.

- Performed preventative maintenance on various devices, enhancing reliability across the board.
- Worked closely with clinical staff to assess and resolve equipment malfunctions promptly.
- Created impactful training programs elevating staff knowledge and adherence to safety protocols.
- Maintained accurate records supporting successful regulatory audits and inspections.
- Assisted with new equipment installation, gaining valuable insights in project execution.
- Pursued ongoing education on cutting-edge technologies, reinforcing service standards.

Biomedical Engineering Intern

TechCare Solutions 📅 June 2016 - February 2018 📍 Miami, FL

Participated actively as an intern, supporting various projects aimed at maintaining medical equipment efficacy. Gained hands-on exposure to industry practices.

- Supported the maintenance team in executing repairs and conducting detailed inspections.
- Aided in tracking and documenting technician actions, contributing to organizational improvement strategies.
- Participated in collaborative team meetings focused on operational enhancements.
- Contributed to developing informative materials educating users about device functionality.
- Helped source and evaluate medical devices from suppliers, resulting in well-informed decision-making.
- Engaged in continuous learning opportunities to remain current with industry trends.

LEADERSHIP & AWARDS

- Excellence in Equipment Maintenance Award, 2022
- Employee of the Month, Innovative Health Solutions, March 2023

EDUCATION

Bachelor's Degree in Biomedical Engineering

University of Central Florida 🎓 GPA: 3.7 📅 2026 📍 Orlando, FL

Coursework: Biomedical Devices, Signal Processing, Systems Physiology, Medical Instrumentation

CERTIFICATIONS

- Certified Biomedical Equipment Technician (CBET) 📅 2025
- Basic Life Support (BLS) 📅 2024

TECHNICAL SKILLS

- **Maintenance Management Systems:** CMMS, MAXIMO, Fiix
- **Tools and Equipment:** Oscilloscope, Multimeter, Calibration Tools
- **Mechanical Skills:** Soldering, Welding, Assembly
- **Communication Tools:** Microsoft Teams, Zoom, Slack
- **Safety Protocols:** OSHA Regulations, Best Practice Guidelines
- **Diagnostic Software:** Medtronic Sofamor Danek, GE Healthcare
- **Reporting and Documentation:** Microsoft Word, Excel, Google Docs
- **Educational Training:** CPR Certification Classes, Hands-On Workshops
- **Procurement Processes:** Vendor Selection, Cost Analysis, Contract Negotiation
- **Industry Standards:** ISO, IEC, FDA Requirements

SKILLS

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|----------------------------|----------------------------|-------------------------------|----------------------------|
| • Medical Equipment Repair | • Team Collaboration | • Emergency Repairs | • Healthcare Collaboration |
| • Troubleshooting | • Training and Development | • Customer Service Excellence | • Documentation Management |
| • Preventive Maintenance | • Safety Compliance | • Regulatory Compliance | • Quality Control |
| • Technical Documentation | • Biomedical Technology | • Equipment Safety Standards | |

PROFESSIONAL AFFILIATIONS

- Biomedical Engineering Society Member
- Healthcare Technology Forum Contributor

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST