

Rahul Norris

Biomedical Equipment Technician I

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SUMMARY

Dedicated Biomedical Engineer with 4 years of experience in clinical equipment maintenance and safety testing. Proven expertise in performing preventative maintenance on patient care equipment, including monitors and infusion pumps. Strong analytical skills and ability to troubleshoot complex technical problems effectively. Committed to enhancing medical equipment performance and ensuring safety standards are met. Eager to contribute to patient care excellence and collaborate within a healthcare team.

EXPERIENCE

Biomedical Equipment Technician

Innovative Medical Services 📅 June 2022 - Present 📍 Montgomery, AL

Led maintenance and safety testing efforts for a wide range of biomedical equipment. Ensured compliance with regulatory standards and heightened operational reliability, benefiting both patients and healthcare providers.

- Conducted operational and safety tests on various biomedical tools, ensuring all comply with rigorous healthcare regulations.
- Performed consistent preventative maintenance on devices, such as defibrillators and infusion pumps, which enhanced overall reliability.
- Documented and maintained updated test results and inspection records, facilitating audits and compliance checks.
- Collaborated closely with healthcare teams to assess equipment needs, providing timely technical support.
- Analyzed technical issues by employing effective troubleshooting strategies leading to improved equipment functionality.
- Ordered critical supplies and parts for maintenance tasks, optimizing workflow and reducing downtime.

Biomedical Equipment Technician Intern

HealthTech Innovations 📅 January 2021 - May 2022 📍 Birmingham, AL

Supported senior technicians in maintaining and repairing clinical equipment while actively participating in preventive maintenance tasks to ensure smooth operation of devices.

- Assisted with maintenance and repairs on a variety of clinical equipment like physiological monitors under veteran supervision.
- Engaged in preventative maintenance tasks that assured the safe operation of medical devices essential for patient care.
- Prepared logs and manuals for new equipment, contributing to comprehensive documentation practices.
- Gained practical exposure to troubleshooting minor malfunctions through hands-on experience.
- Worked collaboratively with different teams to refine procedures for handling medical equipment.
- Participated in training programs covering advanced biomedical technologies and emerging safety protocols.

LEADERSHIP & AWARDS

- Dean's List, University of Alabama in Huntsville, 2024-2026
- First Place, UAH Hackathon, 2025

EDUCATION

Bachelor's Degree in Biomedical Engineering

University of Alabama in Huntsville 🎓 GPA: 3.8 📅 2026 📍 Huntsville, AL

Coursework: Biomaterials, Medical Imaging, Biomolecular Engineering, Electronics for BME

CERTIFICATIONS

- Class D Driver License - Alabama 📅 2026
- Certified Biomedical Equipment Technician (CBET) 📅 2026

TECHNICAL SKILLS

- **Medical Equipment Technology:** Infusion Pumps, Defibrillators, Physiological Monitors
- **Testing Protocols:** Safety Inspections, Operational Testing, Maintenance Logging
- **Compliance Standards:** FDA Regulations, ISO Certifications, Joint Commission Requirements
- **Tool Proficiency:** Oscilloscope, Multimeter, Caliper
- **Software Applications:** CMMS, Excel, Word Processing Tools
- **Engineering Principles:** Mechanical Engineering, Electrical Circuits, Fluid Dynamics
- **Documentation Practices:** Standard Operating Procedures, User Manuals, Training Guides
- **Wiring Techniques:** Soldering, Wiring Repairs, Circuit Assembly

- **Healthcare Collaboration:** Cross-Functional Teams, Stakeholder Engagement, Team Support
- **Equipment Calibration:** Calibration Protocols, Adjustment Techniques, Quality Assurance

SKILLS

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|----------------------------------|---------------------------|----------------------------|-----------------------------|
| • Clinical Equipment Maintenance | • Technical Documentation | • Regulatory Compliance | • Medical Device Standards |
| • Safety Testing | • Effective Communication | • Inventory Management | • Electrical Principles |
| • Troubleshooting | • Calibrating Devices | • Problem Solving | • Patient Safety Procedures |
| • Preventative Maintenance | • Repair Skills | • Field Service Operations | |

PROFESSIONAL AFFILIATIONS

- Member, Biomedical Engineering Society, 2024-Present
- Volunteer, UAH Community Health Fair, 2025

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST