

Eric Austin

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SUMMARY

Passionate Biomedical Engineering student with experience managing medical devices through academic projects and internships. Proven ability to excel in rapidly changing environments while adhering strictly to safety protocols. Developed skills in cleaning, evaluating, inspecting, and maintaining diverse medical equipment that improve patient care delivery. Demonstrated teamwork principles through close collaboration with healthcare teams, ensuring the right supplies in clinical settings enhance operational effectiveness. Committed to using knowledge and hands-on experiences to contribute effectively at CureTech Solutions.

EDUCATION

Bachelor of Science in Biomedical Engineering
University of Texas at Dallas GPA: 3.8
Coursework: Biomedical Innovation, Medical Device Design, Patient Safety, Supply Chain Management

2027
Dallas, TX

TECHNICAL SKILLS

- Medical Device Knowledge:** Infusion Pumps, Syringe Pumps, Specialty Carts
- Data Management Tools:** Microsoft Excel, SQL, Electronic Databases
- Collaboration Platforms:** Microsoft Teams, Zoom, Slack
- Supply Chain Tools:** SAP, Oracle, Inventory Management Systems
- Health & Safety Compliance:** OSHA Standards, Infection Control Guidelines, Emergency Procedures
- Research Methodologies:** Qualitative Analysis, User Experience Testing, Laboratory Experiments
- Presentation Skills:** PowerPoint, Public Speaking, Data Visualization
- Technical Writing:** Reports, Protocol Documentation, Research Papers
- Time Management Techniques:** Prioritization, Scheduling, Workflow Optimization
- Problem-Solving Approaches:** Root Cause Analysis, Creative Thinking, Analytical Methods

SKILLS

- Medical Device Management
- Equipment Inspection & Maintenance
- Critical Thinking
- Electronic Record Keeping
- Team Collaboration
- Project Management

EXPERIENCE

Biomedical Engineering Intern
University Project

January 2026 - Present
Dallas, TX

Assisting with asset recovery and management in a clinical environment focused on patient care via equipment handling. Has taken initiative in documenting activities and has engaged closely with both patients and staff.

- Conducted asset recovery rounds in clinical settings, successfully processing and redistributing various medical devices.
- Cleaned and inspected infusion pumps and other medical equipment, ensuring compliance with safety standards.
- Documented maintenance activities in an electronic database, enhancing record accuracy and operational efficiency.
- Collaborated with healthcare staff to streamline supply ordering and distribution processes, improving supply availability in patient care areas.
- Demonstrated critical thinking and decisive judgment to address equipment issues promptly, ensuring uninterrupted patient care.

Biomedical Engineering Intern
CureTech Solutions

June 2025 - December 2025
Hondo, TX

Contributed to direct patient safety initiatives by cleaning and maintaining vital medical devices as part of a dedicated engineering team. Actively involved in training and logistics.

- Assisted in cleaning and maintaining medical devices, including specialty beds and carts, contributing to patient safety.
- Participated in team training sessions focused on emergency equipment operation and safety protocols.
- Engaged in daily assessments of equipment functionality, facilitating timely repairs and replacements.
- Supported logistics efforts by organizing and transporting medical supplies and equipment across departments.
- Developed skills in using electronic record-keeping systems to log equipment inspections and maintenance.

Research Assistant
Student Research Lab

September 2024 - May 2025
Dallas, TX

Engaged in innovative research aimed at optimizing medical device usability to enhance patient outcomes. Worked within a collaborative framework analyzing data for improved health technology solutions.

- Conducted research on medical device usability, focusing on user experience and safety features.
- Collaborated with a team to analyze data and present findings to faculty, enhancing understanding of device impact on patient care.
- Assisted in the design and execution of lab experiments, applying engineering principles to real-world problems.
- Presented research outcomes at university symposiums, honing public speaking and presentation skills.
- Contributed to the development of a prototype device aimed at improving patient mobility in clinical settings.

LEADERSHIP & AWARDS

- Outstanding Contribution Award at University Research Symposium, May 2025
- Best Presentation Award at Biomedical Innovation Conference, April 2026

CERTIFICATIONS

- Certified in Basic Life Support (BLS) 📅 2026
- OSHA General Industry Safety Certification 📅 2025

PROFESSIONAL AFFILIATIONS

- Active Member of the Biomedical Engineering Society since 2024
- Volunteer at Community Health Fair, offering medical device demonstrations and education, March 2026

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST