

Mabel Campos

Biomedical Technician

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SUMMARY

Dedicated Biomedical Technician currently pursuing a Bachelor's Degree in Biomedical Engineering. Eager to apply hands-on experience gained through academic initiatives and internships. Demonstrates strong technical skills, effective communication, and collaboration within team settings while independently tackling complex equipment issues. Focused on maintaining compliance with safety standards and manufacturer specifications that enhance clinical and research operations. Proven ability to work under supervision, perform routine maintenance, and document activities accurately. Enthusiastic about contributing to impactful work within the field of medical technology.

EDUCATION

Bachelor's Degree in Biomedical Engineering

University of Wisconsin-Milwaukee 🎓 GPA: 3.8 📅 2026 📍 Milwaukee, WI

Coursework: Biomaterials, Medical Device Design, Clinical Engineering, Health Physics

TECHNICAL SKILLS

- **Maintenance Tools:** Test Equipment, Calibration Tools, Diagnostic Devices
- **Software Applications:** MATLAB, AutoCAD, LabVIEW
- **Project Management Tools:** Trello, Asana, JIRA
- **Biological Standards:** ISO 13485, IEC 62304, FDA Regulations
- **Measurement Equipment:** Oscilloscope, Multimeter, Logic Analyzer
- **Design Software:** SolidWorks, Fusion 360, SketchUp
- **Statistical Analysis:** SPSS, SAS, R
- **Simulation Tools:** COMSOL, ANSYS, MATLAB Simulink
- **Clinical Databases:** Epic, Cerner, Medidata
- **Networking Protocols:** TCP/IP, Bluetooth, RFID

SKILLS

- Equipment Maintenance
- Compliance Documentation
- Team Collaboration
- Technical Troubleshooting
- Communication Skills
- Biomedical Engineering Principles

EXPERIENCE

Biomedical Engineering Intern

University Research Lab 📅 June 2025 - Present 📍 Milwaukee, WI

Participated as an intern in a university research lab, focusing on installing, inspecting, and maintaining biomedical devices. This role involved supported maintenance and compliance of laboratory equipment under direct supervision. Engaged with team members effectively to address mechanical issues, ensuring smooth operation and reliability.

- Supported installation and inspection of medical devices, reinforcing adherence to safety standards.
- Conducted routine calibration of laboratory equipment to promote high operational reliability.
- Assisted with troubleshooting processes and collaborated closely with colleagues to find solutions.
- Documented all maintenance activities detailing modifications following regulatory guidelines.
- Participated in weekly meetings showcasing project advancements and articulating findings clearly.
- Collaborated on various research projects, improving teamwork and problem-solving capabilities.

Capstone Project Developer

Academic Project 📅 August 2025 - May 2026 📍 Milwaukee, WI

Developed an innovative prototype for a patient monitoring system as part of a capstone project driven by coursework and real-world applications. Emphasized performance assurance and documentation, presenting results to faculty along the way. Focused on aligning project objectives with industry standards.

- Created a prototype patient monitoring device using Arduino, prioritizing reliability and safety features.
- Performed extensive performance testing to validate device accuracy before conception.
- Engaged in documenting milestones and testing methodology efficiently to track progress.
- Presented project outcomes to peers and faculty, earning commendation for clarity of presentation.
- Participated in peer review sessions, gaining critical insights for design enhancements.

- Applied biomedical standards knowledge to ensure relevant alignment of project goals with safety regulations.

LEADERSHIP & AWARDS

- Dean's List - University of Wisconsin-Milwaukee, Fall 2025
- First Place, Engineering Hackathon, Spring 2025

CERTIFICATIONS

- Certified Biomedical Equipment Technician (CBET) 📅 2026
- Basic Life Support (BLS) Certification 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Biomedical Engineering Society (BMES), 2024 – Present
- Volunteer, Health Fair at Local Community Center, 2025

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST