



Madelyn Owens

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SUMMARY

Dedicated Medical Laboratory Technician with over 2 years of hands-on experience in performing laboratory tests and analyses across various modalities. Demonstrated ability to ensure the accuracy and reliability of test results while strictly adhering to compliance protocols. Strong interpersonal skills facilitate collaboration with healthcare professionals, enhancing patient care. Engaged in quality control processes ensuring effective laboratory operations. Proven commitment to continuous learning and adapting to emerging technologies, all while prioritizing safety and compliance within fast-paced environments.

EDUCATION

Bachelor's Degree in Medical Laboratory Science

University of Illinois at Chicago GPA: 3.7

2026

Chicago, IL

Coursework: Laboratory Testing, Quality Control, Environmental Science, Pathophysiology

TECHNICAL SKILLS

- Laboratory Instruments:** Hemocytometer, Centrifuge, Spectrophotometer
- Testing Methodologies:** CBC, BMP, Coagulation Testing
- Quality Standards:** CLIA, CAP, FDA
- Safety Practices:** AABB Guidelines, Infection Control Procedures, Biohazard Management
- Computer Software:** LabWare, Meditech, Microsoft Excel
- Communication Tools:** Email, Microsoft Teams, Slack
- Statistical Analysis Tools:** SPSS, R Software, Excel
- Inventory Management Systems:** Lab Inventory Tracker, ChemTracker, Supply Chain Solutions
- Training Programs:** ISO Training, Lab Safety Courses, Regulatory Updates
- Project Management Tools:** Trello, Asana, JIRA

SKILLS

- Laboratory Testing
- Quality Control
- Specimen Analysis
- Regulatory Compliance
- Team Collaboration
- Data Documentation
- Communication Skills
- Microbiology Techniques
- Hematology Procedures
- Immunology Basics
- Toxicology Essentials
- Diagnostic Equipment Handling
- Safety Protocols
- Quality Assurance
- Inventory Management
- Training Facilitation

EXPERIENCE

Laboratory Technician Intern

University Project

January 2025 - July 2026

Chicago, IL

Supported laboratory operations as an intern, conducting critical testing and analyses that adhere to industry regulations and best practices. Collaborated closely with a team to enhance procedural efficiency, contributing meaningfully to patient-focused outcomes.

- Conducted routine laboratory tests in hematology and microbiology, confirming adherence to established safety protocols.
- Processed and labeled specimens for analysis, managing workflow under stringent testing timelines.
- Assisted in maintaining laboratory instruments, performing necessary calibration and troubleshooting.
- Collaborated with experienced technicians to implement quality control measures, boosting the reliability of test outcomes.
- Documented test results meticulously, supporting compliance with extensive regulatory requirements.
- Engaged continuously in training on new laboratory technologies and methodologies, reflecting proactive learning.

Research Assistant

Academic Research

September 2024 - December 2024

Remote

Participated in various research initiatives, working towards knowledge advancement in immunology through detailed experimental procedures and data recording efforts. Notable for clear presentation skills when disseminating findings to faculty members.

- Executed complex assays in ongoing immunology research, ensuring compliance with study protocols.
- Developed proficiency in laboratory techniques crucial for specimen preparation and data collection.

- Presented findings effectively to faculty, demonstrating comprehensive understanding of methodologies employed.
- Maintained a well-organized laboratory inventory while supporting essential supply management tasks.
- Adhered to strict infection control protocols during experimental work, facilitating a safe lab environment.
- Collaborated closely with peers to achieve project goals, fostering a supportive team atmosphere.

Senior Laboratory Developer

January 2024 - May 2024

Capstone Project

Chicago, IL

Led a student team through an in-depth study focusing on laboratory practices and their direct impacts on testing accuracy. Developed, executed, and presented protocols and findings to represent innovative thought leadership.

- Directed team efforts to evaluate laboratory processes affecting test accuracy through designed experiments.
- Analyzed gathered data using statistical software, delivering insights that prompted improvement discussions.
- Compiled detailed reports on research and coordinated peer presentations for academic symposiums.
- Created a compelling presentation showcasing key findings and actionable recommendations based on collected data.
- Received commendation from industry-expert faculty for outstanding execution and communication skills.

LEADERSHIP & AWARDS

- Dean's List, University of Illinois at Chicago (2024, 2025)
- Recipient of the Academic Excellence Scholarship (2023)

CERTIFICATIONS

- BLS Certification (AHA) 📅 2024
- Medical Laboratory Technician (MLT) Certification - In Progress 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Student Health Sciences Association (2023 - Present)
- Volunteer, Community Health Fair, Chicago (2025)

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST