



Vivian Pearson

Textiles Quality Engineer Intern

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SUMMARY

Pursuing a degree in Biomedical Engineering with practical experience in quality control and product testing. Skilled in developing testing protocols under regulatory frameworks, ensuring documentation is thorough and compliant. Experienced in collaborating across diverse teams, especially international ones, to align on corporate standards. Engaged in root-cause analysis for customer complaints, reinforcing commitment to product quality and satisfaction. Contributed to process improvement initiatives that significantly enhanced product compliance and quality metrics. Driven to leverage engineering principles within a progressive healthcare environment.

EDUCATION

Bachelor's Degree in Biomedical Engineering

University of Illinois at Chicago 🎓 GPA: 3.8 📅 2027 📍 Chicago, IL

Coursework: Medical Device Design, Quality Assurance, Product Testing, Regulatory Compliance

TECHNICAL SKILLS

- **Testing Protocols:** ASTM, FDA, EPA
- **Quality Tools:** SPC, FMEA, CAPA
- **Software Tools:** MATLAB, Minitab, Excel
- **Collaboration Tools:** Slack, Microsoft Teams, Zoom
- **Data Analysis Tools:** Statistical Software, SPSS, R
- **Documentation Standards:** ISO 9001, GMP, GLP
- **Project Management Tools:** Trello, Asana, JIRA
- **Presentation Tools:** Microsoft PowerPoint, Google Slides
- **Safety Standards:** OSHA, CDC, FDA Guidelines
- **Healthcare Regulations:** HIPAA, FDA, ISO

EXPERIENCE

Quality Assurance Intern

University Project 📅 June 2025 - August 2026 📍 Remote

Supported quality assurance processes within an academic setting. Focused on testing medical devices and aligning them with FDA and ASTM requirements. Designed testing parameters and documentation strategies, ensuring research outputs met high standards.

- Conducted rigorous tests on medical devices for compliance with industry standards.
- Developed comprehensive testing protocols tailored to regulatory specifications.
- Collaborated in establishing future documentation procedures for medical records.
- Investigated and resolved customer feedback efficiently, maintaining stakeholder satisfaction.
- Authored detailed reports summarizing tests and evaluations to support decision-making.
- Contributed to ongoing process improvements, enhancing overall product quality.

Biomedical Engineering Research Assistant

University Research Lab 📅 September 2025 - May 2026 📍 Chicago, IL

Engaged actively in biomedical research while supporting quality assurance methodologies. Fostered collaboration among various university departments to document important findings and analyses effectively.

- Participated in research aimed at elevating quality assurance practices in medical devices.
- Assisted with developing industry-compliant testing requirements.
- Worked alongside cross-functional teams to present findings on product efficacy.
- Employed statistical analysis software to validate data from tests, ensuring reliability.
- Aided in creating essential regulatory documents concerning research outcomes.

STRENGTHS

- 🗨 **Effective Communicator**
Ensured seamless communication between diverse teams, improving collaborative efforts significantly.
- 💡 **Creative Problem Solver**
Addressed complex inquiries from customers efficiently, earning recognition for resourcefulness.
- ✅ **Detail-Oriented**
Developed meticulous testing protocols under regulations, resulting in better compliance.
- 👥 **Team Player**
Actively contributed to cross-functional teamwork, promoting knowledge exchange and shared learning.
- 📖 **Proactive Learner**
Took initiative in personal development through mentorship programs and independent research.

SKILLS

Quality Assurance

Regulatory Compliance

Testing Protocol Development

Data Analysis Team Collaboration

Problem Solving

Product Evaluation

Customer Interaction

Research Methodologies

Documentation Skills

- Process Improvement
- Statistical Software
- Complaint Resolution
- Engineering Principles
- Cross-Functional Work
- Compliance Standards

LANGUAGES



MY CAREER



- Quality Assurance Intern at University Project (1.2 Years)
- Biomedical Engineering Research Assistant at University Research Lab (8 Months)

- Helped maintain laboratory standards, fostering a safe work environment conducive to compliance.

Team Leader - Quality Improvement Initiative

Hackathon Project March 2026 Chicago, IL

Led a team initiative during a hackathon focusing on enhancing healthcare product testing techniques, driving innovative solutions through collaboration and effective communication.

- Directed a project that aimed to refine and accelerate medical device testing methodologies.
- Developed unique frameworks for rapid evaluation reflective of current healthcare challenges.
- Engaged extensively with mentors to clarify project goals and structured deliverables.
- Presentations garnered significant attention, highlighting the innovation associated with our strategies.
- Effectively documented findings to bolster understanding and implementation of the new processes.
- Facilitated sharing sessions within the team to develop critical quality assurance skills.

LEADERSHIP & AWARDS

- Dean's List, University of Illinois, 2025
- First Place, UIC Engineering Hackathon, 2026

CERTIFICATIONS

- Fundamentals of Quality Control 2026
- FDA Regulatory Affairs Certificate 2026

PROFESSIONAL AFFILIATIONS

- Member, Biomedical Engineering Society, 2025 - Present
- Volunteer, UIC STEM Outreach Program, 2025 - Present

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST