

Freya Vazquez

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SUMMARY

Detail-oriented Textile Technologist with over two years of experience in textile research and product development. Proven ability to execute fabric testing and quality control processes, ensuring compliance with industry standards. Strong academic foundation in textile engineering bolstered by practical roles in developing prototypes and collaborating within teams to enhance product quality. Excellent communicator and organizer with a keen eye for details, eager to contribute expertise to Fabric Innovations Inc. Excelling at adapting processes to meet client needs, ensuring high-quality outcomes that align with industry trends.

EXPERIENCE

Textile Technologist

June 2025 - Present

Fabric Research Lab

Orlando, FL

In this role, responsible for developing and implementing textile solutions while managing quality assurance processes. Collaborates closely with clients on prototypes and final products, showcasing product durability and innovative designs.

- Developed various textile processes, achieving adherence to stringent quality standards set by industry regulations.
- Collaborated directly with clients, translating their concepts into tangible product prototypes tailored to specific requirements.
- Conducted comprehensive quality assessments, identifying and rectifying potential areas of improvement across production workflows.
- Implemented creative textile solutions that significantly improved product attributes such as durability and user satisfaction.
- Recorded detailed documentation of all testing procedures, enhancing team knowledge sharing and operational efficiency.
- Provided expert technical support for material selection, aligning cost-effectiveness with sustainability principles.

Junior Textile Engineer

July 2024 - May 2025

Textile Development Group

Fort Lauderdale, FL

Supported experienced engineers in fabric product innovation through meticulous testing methods and data analysis. Actively participated in collaborative efforts to stay ahead of market needs and advancements.

- Assisted in rigorously evaluating new textile products through systematic testing and thorough analysis.
- Contributed insights on emerging fabric trends during cross-functional team meetings to guide product development directions.
- Generated precise reports documenting testing outcomes, informing critical decisions for product enhancements.
- Participated actively in quality control training sessions, effectively broadening overall team knowledge and capabilities.
- Coordinated with suppliers to secure appropriate materials, maintaining alignment with project specifications.
- Engaged in practical experiments examining fabric properties, leading to improved understanding and innovation in product design.

LEADERSHIP & AWARDS

- Certified Textile Technician (CTT) obtained in 2025 from the Textile Institute.
- Recipient of University Commendation Award for Excellence in Textiles during undergraduate studies.

EDUCATION

Bachelor's Degree in Textile Engineering

2024

University of Florida GPA: 3.8

Gainesville, FL

Coursework: Fabric Science, Quality Control, Production Processes, Textile Technologies

CERTIFICATIONS

- Certified Textile Technician 📅 2025
- Quality Assurance Certification 📅 2026

TECHNICAL SKILLS

- Laboratory Instruments:** Tensiometer, Spectrophotometer, Fabric abrasion tester
- Software Tools:** CorelDRAW, Adobe Illustrator, MATLAB
- Testing Standards:** ASTM, AATCC, ISO
- Production Techniques:** Weaving, Knitting, Dyeing
- Material Types:** Natural fibers, Synthetic fibers, Blends
- Market Trends:** Sustainability in textiles, Wearable technology, Fast fashion impacts
- Collaboration Platforms:** Slack, Trello, Microsoft Teams
- Documentation Tools:** Microsoft Office, Google Docs, LaTeX

- **Regulatory Frameworks:** Environmental regulations, Safety standards, Industry certifications
- **Statistical Analysis:** SPSS, SAS, R

SKILLS

- Textile science
- Project management
- Product development
- Research methodologies
- Quality control
- Communication
- Client relations
- Workflow optimization
- Fabric testing
- Detail-oriented
- Regulatory compliance
- Innovation strategies
- Prototyping
- Problem-solving
- Material sourcing

PROFESSIONAL AFFILIATIONS

- Member of the American Association of Textile Chemists and Colorists.
- Active participant in local Textile Community Workshops focused on industry education.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST