

Emmett Bowers

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SUMMARY

Engineering project student focused on **process efficiency**, **quality improvement**, documentation, testing, and product or **process development**. Applies Lean and Six Sigma concepts through supervised academic work, using **structured improvement methods**, engineering analysis, and clear technical records. Builds practical experience with process reviews, validation activities, issue analysis, procedure writing, and technical reporting. Communicates findings with project partners and connects recommendations with operational needs. Academic and related specialist work developed sound habits around testing, record accuracy, workflow review, and consistent execution. Brings curiosity, analytical thinking, and care for dependable results to engineering projects. Prepared to contribute as a supervised co op student through organized project work, thoughtful questions, and concise communication that helps teams improve quality and process performance.

EDUCATION

Bachelor's Degree in Engineering

2018

Regional University GPA: 3.5

San Angelo, Texas

Coursework: Engineering analysis, process improvement, quality methods, technical documentation

TECHNICAL SKILLS

- **Process Improvement:** Lean, Six Sigma, structured improvement methods
- **Quality Methods:** Quality practices, quality improvement, standards
- **Engineering Analysis:** Workflow analysis, issue analysis, technical review
- **Testing Practices:** Testing, validation, findings review
- **Technical Documentation:** Procedures, reports, technical records
- **Project Management:** Project planning, status tracking, priority management
- **Process Development:** Product development, process development, process reviews
- **Technical Communication:** Technical findings, stakeholder updates, project summaries
- **Operational Improvement:** Process efficiency, workflow improvement, corrective actions
- **Data And Records:** Record accuracy, documentation methods, review materials

SKILLS

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|-----------------------|------------------------|--------------------------|----------------------------------|
| • Process improvement | • Testing | • Process efficiency | • Technical communication |
| • Quality practices | • Documentation | • Quality improvement | • Process development |
| • Lean Six Sigma | • Engineering analysis | • Project based learning | • Structured improvement methods |
| • Project management | • Technical reporting | • Analytical skills | |

EXPERIENCE

Engineering Co Op Project Student

January 2021 - Present

University Engineering Project

San Angelo, Texas

Supported supervised engineering projects focused on **process efficiency**, quality practices, documentation, testing, and **technical communication**. Coordinated project work, reviewed issues, and prepared practical recommendations for stakeholders.

- Improved project workflows through **Lean** methods, clearer records, and practical recommendations for daily execution.
- Tested process changes with structured reviews, documenting findings for quality and project decisions.
- Prepared procedures and reports that helped stakeholders evaluate risks, options, and next steps.
- Analyzed operational issues with cross functional partners, then supported reliable corrective actions.
- Tracked competing project priorities, status updates, and solutions across supervised engineering activities.
- Applied **quality practices** and documentation standards during technical initiatives supporting consistent project outcomes.

Related Specialist Role

June 2018 - December 2020

Previous Organization

Remote

Contributed to supervised **process improvement** work involving analysis, testing, documentation, workflow troubleshooting, and service support. Maintained accurate records while preparing clear materials for project reviews.

- Reviewed workflow issues through analysis and testing, producing practical recommendations for service requirements.
- Maintained accurate records with established standards, supporting dependable reviews and consistent team execution.
- Troubleshooted operational concerns with internal teams, helping improve workflows and reduce repeated confusion.
- Prepared project summaries and review materials that clarified findings, actions, and open questions.
- Supported process improvements through documentation, testing activities, and organized issue follow up.

- Built working knowledge of systems, tools, and professional practices through supervised project assignments.

PROJECTS

Process Efficiency Review 2026

Applied Lean and Six Sigma concepts during a supervised review of workflow steps, documentation needs, testing activities, and quality observations. Presented technical findings with practical improvement recommendations.

Quality Documentation Study 2025

Created structured engineering records for a supervised study of procedures, validation notes, issue analysis, and technical communication. Organized findings for clear project review and future reference.

LEADERSHIP & AWARDS

- Received professional achievement recognition for dependable project contribution and consistent follow through.
- Recognized for clear technical documentation, thoughtful analysis, and constructive support during project reviews.
- Selected for leadership in industry learning groups and community activities.

CERTIFICATIONS

- Lean Six Sigma Foundations  2026
- Engineering Documentation Training  2026

PROFESSIONAL AFFILIATIONS

- Participant in industry learning groups focused on engineering processes, quality practices, and project development.
- Contributor to community activities that strengthened communication, collaboration, and service habits.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST