BRANDON NORIA

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Professional Summary

Project Engineer with professional experience in engineering management, manufacturing systems, mechanical design, cost estimating, quality engineering, and process improvement. Currently completing a Master of Science in Engineering Management at Texas State University (Graduate GPA: 3.67/4.00) while serving as a Project Engineer at Senior Flexonics Pathway. Brings approximately two years of university teaching experience as an Instructional Assistant and Supplemental Instruction Leader. Passionate about engineering education and committed to connecting classroom concepts with real-world manufacturing practice.

Education

Texas State University

- Master of Science, Engineering Management (Expected August 2026)
  Graduate GPA: 3.67/4.00
- Bachelor of Science, Manufacturing Engineering
  Minor: Chemistry (May 2024)

Teaching Experience

Texas State University
Instructional Assistant – Chemistry Department

- Instructed Chemistry II and Organic Chemistry II laboratory sections for approximately two years.
- Guided students through laboratory procedures, demonstrations, safety practices, and scientific analysis.
- Assisted with grading, mentoring students, and reinforcing classroom concepts.

Supplemental Instruction Leader – Organic Chemistry I & II

- Planned and led Supplemental Instruction sessions to improve student understanding and exam preparation.
- Facilitated collaborative learning and problem-solving.

Student Technician II – Texas State Makerspace

- Trained students on CNC machining, SolidWorks, Mastercam, Revit, and Civil 3D.
- Supported senior design projects and laboratory operations.

Professional Experience

Senior Flexonics Pathway — Project Engineer (2025–Present)

- Develop engineering cost estimates and technical proposals.

• Interpret customer specifications and drawings.
• Coordinate engineering, purchasing, production, and customers.
• Recommend material selections.
• Improve estimating methods and engineering documentation.

Tomball Controls — Quality Engineer (2024–2025)
• Led First Article Inspections and quality initiatives.

Athena Manufacturing — Methods Planner Engineering Intern (Summer 2023)

Heldenfels Enterprises — Quality Control Inspector II (2019–2021)

Whydham Manufacturing — CNC Programmer / Lead (2016–2019)

Research Interests

Engineering Management • Manufacturing Systems • Project Management • Lean Manufacturing • Quality Engineering • Continuous Improvement

Technical Skills

Engineering: Engineering Management, Manufacturing Engineering, Cost Estimating, Lean Manufacturing, Six Sigma
Software: SolidWorks, Mastercam, Fusion 360, DraftSight, MATLAB, RStudio, Minitab, Microsoft Excel
Manufacturing: CNC Programming, CAM, GD&T, SPC, Inspection, 3D Printing