

Li Fowler

Associate Production Planner, Marine

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STRENGTHS

- 🔧 **Integrated Planning**
Connected engineering, procurement, manufacturing, assembly, test, and closeout activities so teams could see timing relationships clearly.
- 📊 **Critical Path Analysis**
Mapped activity logic across complex schedules. Faculty reviewers valued clear explanations of float, dependencies, and schedule sensitivity.
- 📅 **Cost Schedule Alignment**
Reconciled planned work packages with classroom cost baselines. That comparison surfaced timing mismatches for timely review.
- ⚠️ **Risk Communication**
Turned long lead material and test concerns into concise forecasts and mitigation choices for simulated program leaders.
- 👥 **Collaborative Problem Solving**
Negotiated sequencing and resource assumptions within student teams, keeping planning logic documented when conditions changed.

SKILLS

Production Planning
Program Scheduling
Critical Path Analysis
Schedule Risk Assessment
Schedule Logic
Cost Baseline Alignment
Schedule Performance Metrics
Supply Chain Procurement
Manufacturing Planning
Assembly and Test Planning
Data Analysis

SUMMARY

Early career **supply chain** candidate completing a Bachelor of Science in Supply Chain Management in 2027, with hands on academic work in marine program planning, integrated schedules, **cost baseline** alignment, and production coordination. Built schedule models linking proposal activities, engineering release, procurement, manufacturing, assembly, testing, **sell off**, and closeout. Defined **activity logic**, predecessors, successors, milestones, constraints, float, and critical paths across more than 120 planned activities. Analyzed schedule risk, long lead materials, supplier changes, forecast movement, and downstream effects. Prepared concise metrics, written briefings, and presentations for faculty, industry reviewers, and simulated program stakeholders. U.S. citizen eligible for classified access, with initiative, adaptability, negotiation skills, and practical problem solving. Ready to contribute thoughtful planning support within a collaborative marine manufacturing team.

EDUCATION

Bachelor of Science in Supply Chain Management

Louisiana State University 🎓 GPA: 4.0 📅 2027 📍 Baton Rouge, Louisiana

***Coursework:** Production planning, supply chain analytics, procurement, operations management*

TECHNICAL SKILLS

- **Planning Methods:** Integrated Master Plan, Integrated Master Schedule, Program Closeout
- **Schedule Analysis:** Critical Path Analysis, Float Analysis, Schedule Risk Assessment
- **Schedule Logic:** Predecessors, Successors, Activity Logic
- **Cost Planning:** Cost Baselines, Cost Schedule Alignment, Planned Expenditures
- **Production Operations:** Manufacturing Planning, Fabrication, Assembly
- **Program Lifecycle:** Proposal Planning, Engineering Release, Sell Off
- **Supply Chain:** Procurement, Supplier Lead Times, Material Availability
- **Testing Operations:** Inspection, Final Test, Test Dependencies
- **Data Analysis:** Forecasting, Risk Scoring, Data Normalization
- **Reporting Tools:** Metrics Workbooks, Forecast Summaries, Written Briefings
- **Communication:** Presentations, Stakeholder Updates, Interpersonal Communication
- **Business Analysis:** Planning Data, Performance Metrics, Schedule Forecasts

EXPERIENCE

Marine Program Planning Capstone

Academic Research 📅 January 2026 - May 2026 📍 Baton Rouge, Louisiana

Led a supervised capstone simulation covering marine program planning from proposal activity through closeout. Connected engineering, procurement, manufacturing, assembly, test, sell off, cost, risk, and reporting work into one integrated planning model.

- Built an **Integrated Master Plan** Schedule for a simulated marine **manufacturing** program across full lifecycle activities.
- Defined logic, **predecessors**, successors, milestones, and constraints for more than 120 activities, then reviewed **critical path** float.
- Linked work packages with a classroom cost baseline, reconciling timing assumptions against planned expenditures for review.
- Ranked long lead material and test dependencies during **schedule risk assessment**, then presented mitigation options.
- Produced schedule metrics and forecast summaries that converted detailed **planning data** into concise leadership recommendations.
- Presented lifecycle integration, schedule logic, cost alignment, and major risks to faculty and industry reviewers.

Written Communication

Negotiation Problem Solving

LANGUAGES

English Native

Spanish Beginner

MY CAREER



● Marine Program Planning
Capstone at Academic Research
(4 Months)

● Integrated Production
Scheduling Project at Student
Lab (4 Months)

● Supply Chain Risk Analysis
at University Project (4 Months)

Integrated Production Scheduling Project

Student Lab 📅 August 2025 - December 2025 📍 Baton Rouge, Louisiana

Developed a supervised manufacturing planning model that connected engineering completion, purchasing, material availability, assembly, inspection, and final test. Supported recurring updates through metrics, forecast analysis, and structured team decisions.

- Developed a **manufacturing** schedule connecting **engineering** completion, purchasing, material availability, assembly, inspection, and final test.
- Created predecessor and successor relationships for 85 activities, identifying schedule sensitive work packages through **critical path analysis**.
- Analyzed supplier lead time changes and revised forecast dates, documenting downstream **assembly** and test effects.
- Compared schedule status with a simplified **cost baseline**, summarizing inconsistencies for a simulated Control Account Manager.
- Maintained a metrics workbook covering milestone status, activity completion, float, and forecast movement across recurring updates.
- Negotiated task sequencing and resource assumptions within a five person team while preserving documented planning logic.

Supply Chain Risk Analysis

University Project 📅 January 2025 - May 2025 📍 Baton Rouge, Louisiana

Completed a supervised analysis of supply risks affecting complex manufacturing timing. Combined procurement information, schedule data, engineering changes, delivery scenarios, and production milestones into practical planning recommendations.

- Evaluated supply **risks** involving long lead components, supplier dependencies, engineering changes, and production timing.
- Gathered and normalized procurement and **schedule data** from course materials for repeatable risk scoring.
- Mapped **procurement** events against **manufacturing** milestones, showing material constraints affecting assembly and test readiness.
- Developed late delivery and engineering change scenarios, comparing forecast effects against a baseline plan.
- Summarized findings in written and presentation formats with sequencing and monitoring recommendations supported by **planning data**.
- Revised risk analysis after new delivery constraints, demonstrating adaptable **problem solving** and disciplined change assessment.

PROJECTS

Marine Program Planning Model 📅 2026

Created a complete academic planning model for a simulated marine manufacturing program, connecting proposal, engineering, procurement, fabrication, assembly, test, sell off, cost, risk, and closeout activities.

Production Forecast Metrics Workbook 📅 2025

Built a recurring metrics workbook that tracked milestones, activity completion, float, forecast movement, supplier changes, and cost schedule consistency for classroom production planning.

LEADERSHIP & AWARDS

- Supply Chain Capstone Excellence Recognition, 2026
- Dean's List, 2025
- University Academic Merit Scholarship, 2024 to 2026

CERTIFICATIONS

- Excel Data Analysis Fundamentals 📅 2026
- Supply Chain Planning Foundations 📅 2026

PROFESSIONAL AFFILIATIONS

- Supply Chain Student Association, Project Team Coordinator, 2025 to 2026

- Campus Peer Mentoring Program, Student Mentor, 2025 to 2026

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST