

Education

Michigan State University | Bachelor of Science in Packaging

Expected completion: 12/2026

Experience

Production Process Manager | Quality Packaging, Inc.

St. Francis, WI | 06/2026 - Present

- Manage end-to-end order execution for multiple OEM accounts by verifying pricing and MOQs, creating and tracking orders in Maverik, and aligning internal and customer due dates to maintain on-time delivery.
- Automated a recurring weekly customer report for a marine engine OEM, reducing manual reporting time from 3-4 hours to under 30 minutes per week (~85%) and training a team member to own the process.
- Identified and resolved order prioritization errors on a key power equipment account, enabling correct production sequencing and improving customer satisfaction.
- Built a quoting calculator and centralized quote records into an organized, accessible system, accelerating pricing turnaround and improving consistency across the team.
- Coordinate pre-press approvals, BOM and quality changes, inventory verification, and PPAP documentation with Production, QC, Purchasing, and Shipping teams prior to job release.

Packaging Engineering Intern | Sirajul Foam Industries Ltd.

Chittagong, Bangladesh | 04/2024 - 08/2024

- Evaluated and supported qualification of protective packaging systems by applying ASTM and ISTA testing methodologies (cushioning, vibration, thermal resistance) to assess distribution performance and durability requirements.
- Created and maintained packaging specifications, test protocols, and technical documentation using structured data analysis and reporting practices to support traceability and alignment with internal quality and regulatory standards.
- Supported material qualification and alternate packaging selection by conducting comparative testing on polymer materials (PVC, PE, EVA) and collaborating with suppliers resulting in a 25% reduction in material costs without compromising performance.
- Improved packaging system performance by analyzing test results and recommending design refinements to enhance protection during handling, storage, and transportation.

Quality Assurance Intern | Clifton Dyeing Ltd.

Chittagong, Bangladesh | 04/2023 - 08/2023

- Supported material and packaging quality systems by applying statistical sampling plans and SPC tools to improve compliance and accelerate development cycles by 25%.
- Performed risk analysis and defect prevention activities by conducting FMEA and root cause analysis on 50+ weekly production lots achieving a 98% pre-production defect elimination rate.
- Contributed to process qualification and continuous improvement initiatives by applying Lean Manufacturing principles and workflow optimization techniques reducing production cycle time by 20%.
- Strengthened supplier and incoming material quality standards by collaborating cross-functionally to align inspection criteria, specifications, and corrective actions improving consistency and repeatability.

Undergraduate Researcher | Michigan State University

East Lansing, MI | 08/2021 - 05/2022

- Conducted structured research study design and data collection by developing surveys and analyzing 250+ responses using statistical methods to evaluate measurable performance and behavioral outcomes.
- Applied data analysis and interpretation skills by synthesizing quantitative results into clear findings supporting evidence-based conclusions and decision-making.
- Documented research methodology, results, and conclusions through formal technical writing and presentations demonstrating strong scientific communication and reporting skills.
- Presented research findings to academic reviewers at UURAF by translating complex data into concise, stakeholder-ready insights reinforcing clarity, accuracy, and professionalism in technical communication.

Glass Bottle Design Project | MSU Packaging Program

East Lansing, MI | 08/2024 - 12/2024

- Designed a primary glass container and secondary protective packaging system using CAD modeling and structural design principles to optimize material usage and mechanical performance.
- Validated packaging design performance by executing distribution-style testing and sustainability analysis to balance protection, cost efficiency, and environmental impact.
- Documented design rationale, test results, and recommendations through formal technical reports and presentations demonstrating readiness for regulated pharmaceutical packaging environments.
- Ranked Top 4 in class, reflecting strong technical justification and packaging development execution.

Skills

Tools & Software: SolidWorks, ArtiosCAD, ESKO WebCenter, Adobe Illustrator, Microsoft Excel (Advanced), Word, PowerPoint, MATLAB, Python (intermediate), C/C++, Minitab, Outlook, Tableau, Power BI, Matlab