

Luis Dueñas

MES Analyst / Digital Operations

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luisalbertoduenas.site | Mexico-based; open to U.S. opportunities that provide employment sponsorship.

PROFESSIONAL SUMMARY

Manufacturing-systems functional profile supporting requirements, process flows, work instructions, UAT, training, and rollout coordination. Strengths include plant requirements, UAT support, work instructions.

CORE SKILLS

Functional Analysis: plant requirements, process-flow mapping, change clarification.

Validation: UAT support, issue follow-up, user feedback.

Adoption: work instructions, user training, rollout coordination.

Delivery Focus: evidence classification, cross-functional follow-up, and decision-ready communication.

PROFESSIONAL EXPERIENCE

HARMAN International — Business Analyst Jr. / Digital Operations | Oct 2025 – Present

Tijuana, B.C., Mexico

- Adapt the global Material Flow platform to Tijuana by translating production and warehouse needs into functional requirements and process flows.
- Coordinate UAT, user feedback, issue resolution, model-level work instructions, training, and shop-floor adoption.
- Implement functional improvements for Work Orders, reversals, audit history, production-plan visibility, and real-time follow-up.
- Coordinate a rollout roadmap covering 8 lines, 138 models, and 752 part numbers while distinguishing planned scope from completed deployment.

HARMAN International — Industrial Engineering Intern | Oct 2024 – Oct 2025

Tijuana, B.C., Mexico

- Mapped shop-floor processes, user needs, and data requirements for early industrial-engineering tools.
- Built and tested operational utilities supporting part data, time studies, and standardized work.
- Collected user feedback and converted recurring process issues into functional improvement opportunities.
- Prepared work instructions and supported users during the implementation of early process controls.

SELECTED PROJECTS

Requirements & Flows: Plant requirements and process flows bridge operations and system workflows.

UAT Support: Test scenarios, user feedback, and issue follow-up support validation.

Work Instructions & Training: Model-level documentation and training enable adoption.

Rollout Roadmap: Planned scope is identified as roadmap scope, not full deployment.

EDUCATION & CERTIFICATIONS

- Education: Industrial Engineering (Instituto Tecnológico de Tijuana).
- Certification: Google Data Analytics Professional Certificate (Google, 2025).
- Certification: Inventory Management, Supply Chain Planning & Optimization (UC Irvine, 2025).