



FRANCISCO MENDOZA

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Dependable and result driven mechanical engineering student with strong analytical and communication skills. Manufacturing and process validation experience.

EDUCATION

Expected Graduation: April 2020

MECHANICAL ENGINEERING, WESTERN MICHIGAN UNIVERSITY

Minor: Mathematics

3.85 GPA

2019 MAE Presidential Scholar

EXPERIENCE

JAN 2019—PRESENT

PRODUCTION ENGINEERING CO-OP, DENSO — BATTLE CREEK, MI

- Support production engineers with New Product Implementation and Kaizen projects
- Communicate and work with production floor to root cause machine failures, propose and implement solutions to improve productivity and product quality
- Perform regular brazing and crimp quality checks
- Ex: Crimping machine capability study led to high volume product backup, increased machine capability, reduced overtime (4.2% associate cost reduction) and 3% scrap reduction

MAY 2018—AUG 2018

ENGINEERING R&D INTERN, MAHLE-BEHR — TROY, MI

- Support BMW development engineers with X3/X4 midsize SUV ECM Process Validation
- Schedule and manage logistics of prototype testing
- Analyze and develop test reports and perform failure node correlation
- Communicate and work with testing lab, shipping and other departments
- Ex. Created BMW X7 ECM 2019 Process Validation schedule, quoted and ordered necessary tests for multiple parts in order to meet PV schedule and launch 2021 production

AUG 2018—DEC 2018

RESIDENT ASSISTANT, WMU RESIDENCE LIFE — KALAMAZOO, MI

- Focused on quality of life in the residence halls including fostering community, providing academic support, and being attentive to safety and security of residents
- Responsible for community development, education resources, facility management, policy enforcement/safety, emergency response and residence hall administrative tasks

SKILLS

- Spanish-native/Bilingual
- Basic APQP
- Six Sigma Green Belt Training
- Inventor, AutoCAD, Solidworks
- Microsoft Office
- Matlab, Labview
- VBA, Javascript