

EDUCATION

Louisiana State University (LSU), Baton Rouge, LA

January 2020 – May 2025

Bachelor of Engineering, Industrial Minor: DMART

IE GPA: 3.27

Bachelor of Arts, Photography

LSU GPA: 2.72

Related Coursework: Project Management, Supply Chain Logistics, Advanced Statistics, Manufacturing Processes, Engineering Economics, Engineering Graphics, Information Systems Engineering, Methods and System Engineering**EXPERIENCE****Advanced Manufacturing and Machining Facility, Baton Rouge, La.**

July 2022 – Present

Student worker

- Use of advanced machinery and power tools such as waterjet, mills, welding, and more
- Conducting maintenance on shop machines, 3D printers, and tools.
- Optimization of work order processing and machine usage.
- Problem solving, safety, comfort, and general production improvement.
- Lead and supervise students in the additive manufacturing projects/activities.
- Assist students, teachers, and staff with projects to ensure functionality and completion.
- Creating shop documentation and certifications.

Community Coffee – Manufacturing Plant., Port Allen, La.

January 2024 – Present

Continuous Improvement Engineer Intern

- Assists with creation of SOPs, job aids, etc. to drive continuous improvement throughout plant.
- Conduct research and compile production information.
- Prepare documents and presentations for report out meetings regarding data analysis and process improvement efforts.
- Identify, develop, and document issues and recommendations using independent judgement concerning areas being reviewed.
- Work with continuous improvement engineer and plant leadership in completing a limited scope continuous improvement project.

SKILLS

- Technical: Microsoft Office Software (Excel, Word, PowerPoint, Access), SolidWorks, Auto Cad, Additive manufacturing software (Ultimaker, Chitubox) and Adobe (Photoshop, Illustrator, Lightroom), Project Libre, Coding (Visual Studio, C#, Anaconda and Python), Simulation (JMP and Simio), Experience conducting time studies
- Language: Intermediate level proficiency in Spanish

Projects**Optimization**

July 2022 – Present

LSU Advanced Manufacturing and Machining Facility, Baton Rouge, LA

- Formatting work order and billing sheets for better processing and organization.
- Refurbishing additive machinery to optimize efficiency.
- Designing and fabricating rag dispenser using solid works, waterjet cutter, sheet metal break, and welding.
- Creation and installation of optimized dust collector for table saw.
- Improving shop policies, SOPs, safety glass protocol, and air circulation throughout shops for worker and customer safety.
- Implementation and optimization of 3D Print Certification and work-space design layout.

Standardization

January 2023 – Present

Community Coffee – Manufacturing Plant., Port Allen, La

- Completing standard operating procedure forms for plant preventative maintenance.
- Implementing checklist system to insure and maintain work process flow.
- Continuous improvement by observing and implementing changes to enhance operator safety and increase operational efficiency.

Project MABS (Material Analysis and B.O.M. Studies)

August 2024 – Present

Community Coffee – Manufacturing Plant., Port Allen, La

- Thorough analysis of materials to identify waste and loss, leading to significant improvements in operational efficiency.
- Standardized inventory analysis and management processes to minimize repetition and reduce time loss.
- Improving inventory management program to correct discrepancies and ensure accurate representation of inventory levels.

ACTIVITIES

- **Honors:** IISE Six Sigma Green Belt Certification (2024), IISE Lean Green Belt Certification (2023), 5th National Collegiate Powerlifting 100+ kg (2023), Baker Hughes ASPIRE Award (2022)
- **Interests:** Design, Robotics, 3D Printing, Fabrication & Machining, Manufacturing & Processes, Themed Entertainment
- LSU Engineering Big Sibling Mentor, Full Senate Seat College of Engineering Representative for LSU Student Government, Member of IISE LSU (Institute of Industrial Systems Engineers), Member of CBWE LSU (Coalition of Black Women in Engineering), Member of SWE (Society of Women Engineers), Member of NSBE LSU (National Society of Black Engineers)