

William Mancuso

ELECTRICAL ENGINEERING STUDENT · MUSICIAN · LEADER

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Summary

I am a rising senior at LSU in Baton Rouge. I am an Electrical Engineering major and plan to graduate in the Spring of 2025. I hope that through my time as a student at LSU I can become a part of making the school a better place, whether that be in a leadership role or representing the school in Tiger Band.

Education

Louisiana State University

Baton Rouge, LA

B.S. IN ELECTRICAL ENGINEERING

Aug. 2021 - May 2025(expected)

- 3.9 GPA, expected graduation date of the Spring 2025 semester
- Experience in Design with Solidworks, Pspice, and KiCAD, as well as coding in C++, Verilog, and Matlab

Work Experience

BASF Corp

Geismar, LA

I/E MAINTENANCE ENGINEERING INTERN

May. 2024 - Aug. 2024

- Shadowing a working I/E maintenance crew with in the BASF Geismar site Chemical Monomers unit
- Work with the electricians and instrument technicians on troubleshooting planned maintenance, work orders, and breakers
- Replace or upgrade outdated equipment within the multiple plants across the Chemical Monomers unit.
- Programming protection relays and variable frequency drives
- Trained in the basics of the Triconix SIS system

BASF Corp

Geismar, LA

PROJECT MANAGEMENT INTERN

May. 2023 - Aug. 2023

- Shadowing a working project manager while holding meetings for project approval, start up, closure, etc. for medium capital projects
- Building projects in SAP for each part of the project process
- Worked on cost estimation for projects and deciding on vendors

LSU

Baton Rouge, LA

TIGER BAND EQUIPMENT MANAGER

Jan. 2022 - Jan. 2023

- Set up, store, and transport equipment needed for rehearsal
- Load/Unload equipment in a safe and secure manner when traveling for football games
- Maintain the field with insect repellent and keeping the lines painted
- Be an active leader within the organization to make sure the rehearsal runs effectively

Extracurricular Activity

LSU Tiger Band

Baton Rouge, LA

TROMBONE SECTION LEADER

Aug. 2021 - Present

- Developed and maintained a culture that honored the values of the Tiger Band organization
- Ran sectionals, created trip rosters, served as a link between directors and members

Bengal Brass

Baton Rouge, LA

MEMBER

Oct. 2022 - Present

- Attend and perform at sporting events such as Basketball, Gymnastics, Volleyball and more

Electrical Design Club

Baton Rouge, LA

MEMBER

Jan. 2024 - Present

- Weekly meetings with time to work on school financed projects and educational presentations

Honors & Awards

AWARDS

- | | | |
|------|---|-----------------|
| 2023 | Tiger Band , Eli Thomas Above and Beyond Award | Baton Rouge, LA |
| 2023 | Tiger Band , Alumni Scholarship | Baton Rouge, LA |
| 2023 | BASF , Team Chemistry Scholarship | Geismar, LA |
| 2021 | BASF , Ascension Parish Scholarship | Geismar, LA |
| 2019 | LMEA , All-District Trombone | Baton Rouge, LA |
| 2019 | YMCA , Teen Volunteer of the Year | Baton Rouge, LA |