

# XAVIER R. FRAZIER

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## **Education**

**University of Missouri ~ Columbia – Dec 2024**

Pursuing a Bachelor of Science in Electrical Engineering

Mizzou Deans List 2020 – Present

- Minors: Computer Science & Math

- Current GPA: 3.250

## **Skills**

- Microsoft Office Suites, C, Linux/Unix, AutoCAD, MATLAB, Oscilloscope, Power Generator

## **Work Experience**

### **The Boeing Company, Oklahoma City, OK - Internship**

*(May 2023/24 – August 2023/24)*

- Actively learned about military standards for aircraft requests given by the government. Created Statements of work, studied drawings, documents and wiring diagrams for AWACS Aircraft and aided the process of LRU Qualification as it relates to testing and approvals of devices used within aircraft used on missions for various countries.

### **Commonwealth Edison (Exelon), Chicago, IL – Internship**

*(May 2022 – August 2022)*

- Gained knowledge on permit proposals, cross section maps, manholes, overhead vs. underground and some applications that are used for the job such as TED.
- Modelled Underground Fiber route for 26 miles of most efficient duct locations optimizing expenses using cost/benefit analysis while earning about transformers, fuses, communications, and their requirements in order to increase power distribution efficiency by up to 40%.

### **Wight & Company, Darien, IL – Internship**

*(May 2019 – August 2019)*

- Obtained knowledge on weekly preplanning, and the ongoing process of construction management including calling other companies specializing in other areas in the project such as glass and concrete.
- Attended meetings with other companies on the ongoing project and learned about important safety regulations, diversity on the site along with talks about pricing, efficiency, work to be done, and important dates.

### **Disability Center – On Campus Employment, Columbia, MO**

*(August 2022 – Present)*

- Showed diverse respect to students of all backgrounds, with all kinds of disabilities and wrote and read for them when needed.
- Displayed strong skills in confidentiality by abiding by FERPA rights while still ensuring academic integrity.

### **First Year Engineering PLA/TA**

*(January 2024 – Present)*

- A Teaching Assistant for freshman students in an introductory engineering class at Mizzou designed for any first-year engineering students (Freshman and Transfer students).

## **Leadership Experience**

### **National Society of Black Engineers (NSBE)**

*(June 2021 – Present)*

- **Executive Board Treasurer (& Interim Parliamentarian)** *(April 2023 – May 2024)*
  - Keep track of and manage all the finances as well as help come up with ideas to raise money for the chapter. Responsible for purchasing everything and getting them on time as well as proper budgeting throughout the academic year.
- **Executive Board Secretary** *(May 2022 – May 2023)*
  - Record all General Body and Executive Board Meetings, ensure quorum, oversee PR and Telecommunications chairs, and get the word out about scholarships, internships, co-ops, and upcoming engineering events for professional development.
- **Jr. Executive Secretary** *(September 2021 – May 2022)*

### **Minorities Mental Health Matters (MMHM)**

*(June 2021 – Present)*

- **Executive Board Treasurer** *(October 2023 – May 2024)*
  - Helped in creating an organization centered around mental health in minorities at Mizzou and kept a record and manage all the finances. Responsible for purchasing everything and getting them on time as well as proper budgeting throughout the academic year.

### **College of Engineering Peer Mentor**

*(September 2022 – Present)*

- A leadership role as a mentor for freshman students in an introductory engineering class at Mizzou answering questions regarding majors, classes, schoolwork and providing essential tips to succeed as an engineering major at the University of Missouri ~ Columbia.

## **School Activities/Honors**

### **IBM Z Ambassador**

*(March 2023 – June 2024)*

- A program by IBM teaching college students around the world to actively learn how to code on the mainframe while promoting events on college campuses to students making them more employable in jobs after college.

