

# Lehana Ramkumar

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## EDUCATION

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**Texas A&M University**  
B.S. in Electrical Engineering; Minor in Mathematics  
GPA: 3.3/4.0  
Expected Graduation: May 2026

College Station, TX  
*Aug 2022-Present*

## WORK EXPERIENCE

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**Valero Energy**  
*Electrical Power Engineering Intern*

Corpus Christi, TX  
*May 2024 – Aug 2024*

- Gained experience in high voltage power (up to 12.5 kV), applications of three-phase power in a refinery field, and in switchgears and motor control centers
- Facilitated the replacement project of four motor protection relays on the refinery from start to finish
- Oversaw the installation of a voltage ride through for a motor
- Gained experience in writing Management of Change (MOC) documents, reading and developing technical drawings for large scale projects

**Department of Information Technology, Texas A&M Veterinary Medicine**  
*Lead Student IT Technician // Prev: General Student IT Technician*

College Station, TX  
*Feb 2024 – Present*

- Manage 12+ student technicians to address technical difficulties in the College of Veterinary Medicine, including hardware, software, and endpoint issues
- Break down PCs and Macs to their components; experience in backing up and imaging hard drives of various computers ranging in age, and in data recovery and managing state data
- Oversee backups and surplus of TAMU computers, and communicate with property managers to ensure correct destinations and parts removal
- Manage over 300 loaner laptops and regulate computer inventory for the whole college

## ACTIVITIES

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**Society of Women Engineers– Texas A&M**  
*SWElites Co-Chair Officer // Prev: SWElites Service Co-Counselor, SWElites Service Member*

College Station, TX  
*Apr 2024– Present*

- Co-lead SWElites, a freshman leadership engineering program within SWE
- Mentor 50 first-year students and 10 counselors through various engineering service events for surrounding community
- Collaborate with a team of officers to manage a SWE chapter of 600+ members

**Percussion Studio– Texas A&M**  
*Webmaster Officer // Prev: Performance Coordinator Officer, General Member*

College Station, TX  
*Apr 2024– Present*

- Utilize HTML and CSS to edit and manage the TAMU Percussion Studio Website
- Coordinate with other programs to organize a professional video recording of end-of-semester show

## PROJECTS

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- **FPGA Personal Projects:** Gained experience in FPGA Design with VHDL in Summer 2024, utilizing experience to advance “smart home” project
- **Arduino Personal Projects:** Worked towards creating a “smart home” using Arduino technology in Summer 2023
- **Personal Portfolio:** Developing a website using HTML and CSS to act as a digital portfolio for skills and achievements

## ADDITIONAL

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- **Technical Skills:** Python, C++, C, HTML/CSS, Arduino, Analog Discovery 2, Linux, Windows, PC Building.
- **Working Proficiency:** Cadence, VHDL/Verilog + RTL Debugging, Raspberry Pi, Typescript, AutoCAD
- **Certifications:** FPGA Design with VHDL