

# John Doe

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## EDUCATION

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**Texas Tech University**, Lubbock, Texas  
*Bachelor of Science in Mechanical Engineering*  
Minor in Mathematics

Graduation Date: May 2022  
**GPA: 3.51**

**Study Abroad: Texas Tech University Center**, Sevilla, Spain

June – July 2019

## PROJECT EXPERIENCE

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**Prosthetic Swim Leg**, Lubbock, Texas  
*Senior Team Design Project*

August 2021 – May 2022

- Designed 3D models and drawings in Autodesk Inventor that considered material selection and cost
- Manufactured a prototype using a Mill and CNC Machine to effectively meet deadlines
- Tested the prototype using FEA software to perform fluid and stress analysis on components

## WORK EXPERIENCE

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**Whirlpool Corporation**, Tulsa, Oklahoma  
*Engineering Intern*

May – August 2021

- Managed resolution of 50+ build issues during the launch of a new refrigeration product
- Coordinated activities to sort and rework over 400 out-of-tolerance parts to meet a tight deadline
- Evaluated 15 cost-saving ideas to increase productivity with resulting savings of 10% per unit
- Updated over 100 drawings in AutoCAD to change tolerances and add compliance language

**Texas Tech Mechanical Engineering Department**, Lubbock, Texas  
*Student Assistant*

August 2020 – May 2021

- Assisted current and prospective students with questions over the phone and in person
- Troubleshoot technical issues with the office's printers and desktop computers
- Managed time effectively and worked 20 hours per week with a full course load

**Discount Tire**, Lubbock, Texas  
*Assistant Tech*

August 2018 – May 2019

- Led a 4-person team to quickly identify and resolve performance issues on a wide variety of vehicles
- Managed interactions with 30+ customers per shift and explained technical issues and solutions
- Operated machinery and maintained an organized workspace in compliance with safety regulations

## INVOLVEMENT

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**Texas Tech American Society of Mechanical Engineers**  
*Treasurer (May 2022 – Present), Active Member*

August 2018 – Present

- Collect dues from 115 active members and manage budget of \$2000 through MS Excel
- Coordinate finances of officer travel to annual conference with College of Engineering staff

**Texas Tech Formula Society of Automotive Engineers**  
*Active Member*

August 2018 – Present

- Design and build a formula one style racecar using MATLAB for model-based code development
- Test cooling, engine mounting, exhausts, and intake systems with 12 team members
- Compete in annual International Speedway competition and regularly place in top 30% of competitors

## TECHNICAL SKILLS

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- **Engineering Programs:** Intermediate AutoCAD and SolidWorks
- **Programming Languages:** Intermediate MATLAB, Basic C# and R
- **General Programs:** Microsoft Office Certified, Basic Adobe Creative Suite