John Doe

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EDUCATION

Texas Tech University, Lubbock, Texas | Graduation Date: May 2022
Bachelor of Science in Mechanical Engineering | **GPA: 3.51**
Minor in Mathematics

Study Abroad: Texas Tech University Center, Sevilla, Spain | June – July 2019

PROJECT EXPERIENCE

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

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
- Troubleshot 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

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

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