

Product Engineering Internship - Summer

Your tasks

Project Intern will be working on:

Mapping of Yarn Physical Properties

Project Description and Objective (Include what the Intern will be learning):

The project involves working with the Lab Development Unit (LDU) and Minitab to develop non-linear contour maps for all yarns produced at Aldora Mills. This will include approximately 40 runs on the LDU, followed by analysis and the creation of visual templates for each yarn using Minitab. The objective is to enhance product understanding and visualization through data-driven mapping.

The intern will gain hands-on experience in product development, data analysis, and visualization techniques. This role provides exposure to industry tools like Minitab, practical lab operations, and the broader processes involved in product engineering within a collaborative and dynamic environment.

Outcome of Project (Goals of what the intern should accomplish):

The goal of the project is for the intern to create contour maps for all major yarns used in Aldora Mills' active production lines. Through this process, the intern will gain proficiency in using Minitab to conduct Design of Experiments (DOE) analyses. The expected outcome is a significant reduction in fabric development time for the tire industry, streamlining product industrialization and cutting the typical development timeline by more than half.

Your profile

BASIC QUALIFICATIONS

- Candidates must be enrolled in an accredited degree program in Engineering or STEM related field.
- Minimum GPA of 2.8
- Legal authorization to work in the U.S. is required. We will not sponsor individuals for employment visas, now or in the future, for this job opening.

Our offer

All your information will be kept confidential according to EEO guidelines.

EEO-Statement:



Job ID
REF74026M

Field of work
Engineering

Location
Barnesville

Legal Entity
Continental Tire the Americas, LLC

EEO / AA / Disabled / Protected Veteran Employer. Continental offers equal employment opportunities to all qualified individuals, without regard to unlawful consideration to race, color, sex, sexual orientation, gender identity, age, religion, national origin, disability, veteran status, or any other status protected by applicable law. In addition, as a federal contractor, Continental complies with government regulations, including affirmative action responsibilities, where they apply. To be considered, you must apply for a specific position for which Continental has a current posted job opening. Qualifying applications will be considered only for the specific opening(s) to which you apply. If you would like to be considered for additional or future job openings, we encourage you to reapply for other opportunities as they become available. Further, Continental provides reasonable accommodations to qualified individuals with a disability. If you need assistance in the application process, please reply to Careers@conti-na.com or contact US Recruiting at 248.393.5566. This telephone line and email address are reserved solely for job seekers with disabilities requesting accessibility assistance or an accommodation in the job application process. Please do not call about the status of your job application, if you do not require accessibility assistance or an accommodation. Messages left for other purposes, such as following up on an application or non-disability related technical issues, will not receive a call back.

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With its premium portfolio in the car, truck, bus, two-wheel and specialty tire segment, the Tires group sector stands for innovative solutions in tire technology. Intelligent products and services related to tires and the promotion of sustainability complete the product portfolio. With its tires, Continental makes a significant contribution to safe, efficient and environmentally friendly mobility.