

CF SPAN

WITNESSING THE FOREFRONT OF THE CARBON FIBER INDUSTRY

In the summer of 2024, I had the opportunity to intern at CF Span LLC., a company that produces carbon fiber beams and products for commercial applications.



My project focused on mechanical testing of their CarbonBar and comparing it to heavier steels such as aluminum and steel. I experimented with different adhesives, beam cross-sections, and connector materials. This taught me about a design of experiments, safety in industrial setups, and mechanical data analysis. I used several machines, but the majority of the testing was based on a universal testing machine.



Their large facility is full of processing equipment such as gang rip saws and CNC machines as well as a chemical testing laboratories.

