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Career Paper

Introduction

As a kid, I have been a fan of many things, but one thing I was a fan of was cars and the fascination of technology and how it just functions in general. As I grew up, I always had the question in the back of my mind of what I wanted to do in the future and I couldn't find an answer until I was in high school. As college grew closer and closer, I knew that I had to figure out what I wanted to pursue in regard to a field. That's when I chose to take a cybersecurity course during my senior year of high school which was a game changer. This course gave me insight and basic knowledge of the field, while preparing me for the comptia exam, which I took and passed. After I got certified, I realized I wanted to pursue and learn more about the field, but I never knew what I specifically wanted to do in regards to a job. It was not until I was in this course until I got closer to what I may want to do. I learned that cybersecurity is heavily needed in modern cars as each manufacturing year increases the technology needed and used in cars. The position of an Vehicle Cybersecurity Engineer helps develop and create security features for vehicles. This is what I want to do and focus on in my career and I will discuss how the position heavily depends on the study of societal behavior and norms.

Why is the Study of Human Behavior Important in Automotive Technology?

In our world, there are a few things that a thief eyes first and that's, jewelry, money, and cars. You leave it in a vulnerable place, or state, and you get robbed. In regards to cars, manufacturers know this and study human behavior to ensure safety amongst customers to the best of their ability. We see this typically in each safety measure in a car, because before it was in place, it had to be tested based on how humans interact with their car on a day to day basis. Professionals also have to look at human behavior to create easier to access features. It is important to have a Human centered design in vehicles as it creates a safe and interactive environment and experience for the customer of the car. It is important that manufacturers take these into consideration when designing because it creates trust with the customer and company. This is why a lot of individuals don't like to stray away from cars that they are used to driving.

Conclusion

In conclusion, this course has given me so much insight into what I may want to do in the future and how I will go about things. Cybersecurity is such a broad field and it was intimidating at first because I didn't even know myself when I first chose the major. It took me a while to figure out what I truly like and have passion for and I found that with cybersecurity in automotive technology. It is a field that is rapidly growing and discoveries are made every day and I would want to be a part of something like that.