

# Leana Bockman

Automotive Engineer

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## EDUCATION

### Bachelor of Science in Automotive Engineering at The Ohio State University

Sep 2012 - May 2017

In Automotive Engineering, I've learned about the design, manufacture, and operation of automobiles.

## LINKS

[linkedin.com/in/leanabockman](https://www.linkedin.com/in/leanabockman)

## SKILLS

Automotive engineering

Automotive design

Vehicle dynamics

Suspension and steering systems

Braking systems

Powertrain

Chassis

## LANGUAGES

English

Portuguese

## HOBBIES

Car customization

Building model cars

Car racing

## PROFILE

I am an Automotive Engineer with over 5 years of experience in the industry. I have a passion for cars and a keen eye for detail, which has helped me excel in this field. I have gained valuable knowledge and experience in designing, developing and testing vehicles and components, as well as managing production processes. I am confident in my ability to provide innovative solutions to challenges faced by the automotive industry, and contribute to its growth and success.

## EMPLOYMENT HISTORY

### ● Automotive Engineer II at Honda R&D Americas, Inc., OH

Apr 2022 - Present

- Led a team of 3 engineers in developing a new car part that reduced weight by 20% and costs by 10%.
- Redesigned an existing engine component to improve fuel efficiency by 2%.
- Presented research at the SAE International Conference on how changes in oil composition affects gasoline engines.

### ● Automotive Engineer I at Nissan Technical Center North America, Inc., OH

Jul 2017 - Feb 2022

- Implemented a new design for the engine of a car that improved fuel efficiency by 4%.
- Led a team of engineers in designing and testing a new type of electric car battery. The battery had an increased range of 20 miles compared to previous models.
- Actively participated in developing emission standards for vehicles sold in California. As a result, emissions from cars were reduced by 15% over the course of 5 years.
- Successfully created prototypes for 3 different types Mass Transit Vehicles.
- Instituted more innovative ideas which led to mass adoption globally & Reversed decaying public transportation reversing environmental impact.

## CERTIFICATES

### Certified Automotive Engineer (CAE)

Jul 2021

### Certified Advanced Vehicle Systems Specialist (CAVSS)

Jan 2020

## MEMBERSHIPS

American Society of Automotive Engineers (ASAE)

Society of Automotive Engineers (SAE)