



/ Craft your Career /

DENSO is a **globally active and leading** supplier for components and systems in the **automotive industry**. Our 700 employees at 6 German locations are the core to facilitate the **development of modern, safe and energy-efficient vehicles**.

From April for 6 months, we are looking for a

Intern (m/f) / Thesis – Advanced Diesel After Treatment Development at our location in Wegberg.

/ In detail you will /

As an intern / working student (m/f) in our Diesel department, you will:

- Expanding existing control strategies using Matlab/SIMULINK as the tool to create the required algorithms,
- Using a Matlab simulation platform, combining a physical model of the after treatment system and the control strategies, to evaluate the system by simulation,
- Run engine dyno and vehicle tests, to validate the simulation environment,
- Provide a deep analysis of the simulation, engine and vehicle results, summarize and present the conclusions to your team.

/ Requirements /

- Currently enrolled in an engineering Bachelor/Master with the focus on automotive or mechanical engineering or similar
- Very good knowledge of Matlab/SIMULINK
- Variable for a duration of at least 6 months
- Good MS Office skills especially Word, Excel and PowerPoint
- You have fluent skills in written and spoken English (Business Language is English)

/ What we are offering /

We offering our students to gain their **first professional experiences** and take on responsibilities from the start. You have the opportunity to **learn from experienced colleagues** with diverse cultural backgrounds and dive into the automotive industry. Do you want to combine your academic knowlede with practical insights at our location **in Wegberg**?

Please submit your application indicating your starting date with the reference **2018DNDE36** via E-Mail to Mr. Constantin Köntges.