

/ 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 February for 6 months months, we are looking for an
Intern / Bachelor Thesis (m/f) – Powertrain Components Design and Testing
at our location in Wegberg.

/ In detail you will /

As an intern (m/f) in our Powertrain Components Engineering Department you will:

- Get insights into Exhaust Gas Recirculation Valve design and testing
- Design add-on module for fluid flow test bench
- Run fluid flow simulations and optimize design
- Lead module manufacturing in coordination with our internal workshop
- Run tests on bench and analyze test results
- Lead module commissioning

/ Requirements /

- Student of Mechanical Engineering, Automotive Engineering or similar
- Deep understanding of Thermodynamics principles
- Experience CAD design, preferably in Siemens NX
- Experience in fluid flow simulations, preferably in Openfoam
- Alternatively proven university classes in design and simulations
- Pro-active and outgoing
- Good English skills required

/ 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 **2018DNDE30** via E-Mail to Marie-Theres Frenken.