

Algorithm Developer for Opto-Mechanical Systems (m/f/diverse) - REF48192L

Vos activités

We are looking for you, an Algorithm Developer for Opto-Mechanical Systems (m/f/diverse), to support our area User Experience at the location Babenhausen.

Your tasks will focus on the following activities:

- Development of Numerical tools for analysis, evaluation, and optimization of product-specific properties, e.g., Optical Performance of Head Up Displays
- Automation of data exchange between different engineering tools (Matlab, Zemax Opticstudio, Creo CAD, Python, Modelica)
- Extension of modular process chain with focus on flexibility for project-specific workflows
- Standardization and automation of interdisciplinary development workflows

Votre profil

- Academic degree in Physics, Mathematics or related disciplines
- Profound knowledge in Matlab and Python, base knowledge of Zemax Opticstudio or Creo is preferred
- Knowledge on the simulation of optical and thermal systems e.g. for Head-up Displays would be beneficial
- Several years of working experience in SW-development, preferably within automotive industry and good knowledge of typical development processes
- Outstanding communication skills to understand the needs of internal stakeholders and to negotiate and align work streams interdisciplinary
- Very good German and English language skills (written and spoken)
- Intercultural competency
- Problem-solving knowhow, assertiveness and ability to work in a team

Applications from severely handicapped people are welcome.

Notre offre

We want our employees to do well with us. That's why we not only offer exciting career prospects in a leading global technology company, but also a comprehensive range of additional benefits. These include a company pension scheme, training opportunities, mobile and flexible working models (e.g. sabbaticals) and much more. We support our employees in finding a good work-life balance and promote their professional development.



Référence
REF48192L

Domaine fonctionnel
Engineering

Site
Babenhausen

Niveau de leadership
Leading Self

Flexibilité du poste
Hybrid Job

Nom du contact
Daniela Aman Mahani

Unité légale
Continental Automotive Technologies GmbH

Click [here](#) to find out more about the specific benefits you can expect at Continental and how they can enrich your working life.

#Jobdrehscheibe

Ready to drive with Continental? Take the first step and fill in the online application.

A propos de nous

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent, and affordable solutions for vehicles, machines, traffic and transportation. In 2022, Continental generated sales of €39.4 billion and currently employs around 200,000 people in 57 countries and markets.

The Automotive group sector comprises technologies for passive safety, brake, chassis, motion, and motion control systems. Innovative solutions for assisted and automated driving, display and operating technologies, as well as audio and camera solutions for the vehicle interior, are also part of the portfolio, as is intelligent information and communication technology for the mobility services of fleet operators and commercial vehicle manufacturers. Comprehensive activities relating to connectivity technologies, vehicle electronics and high-performance computers round off the range of products and services.