



the optimization company

FE-DESIGN headquartered in Karlsruhe, Germany with offices in Hamburg, Munich, Sofia and Chicago is one of the worldwide leading engineering and software companies in offering solutions for structural & process optimization tasks in the CAE area and related disciplines. Our customers in automotive, aero, wind turbine and other industries around the world are benefiting from our expertise in optimization solutions through our software system TOSCA as well as CAE and process optimization services. Over many years FE-DESIGN has established a strong business with nearly all major automotive, electronics, aerospace, medical, wind turbine, shipbuilding companies and suppliers in Europe, Asia and USA.

We plan to offer our services and solutions more strategically for both existing and potential customers of various companies all over North America. Hence, at our **Chicago** or **Detroit** offices we are looking for a

Project Engineer CAE & Optimization

The Position:

You will work on solutions for customer specific requirements regarding structural mechanics, FEA, CFD and optimization. Embedded in our international team you will support our customers in North America to use our software systems efficiently by providing on-site support and training as well customer specific structural optimization projects. In teamwork with the sales manager you will be responsible for presales tasks and project specifications. Depending on your experiences in optimization projects you could hold the position of a project leader.

Your Profile & Background:

You are our ideal candidate if you fit with most of the following requirements.

- You hold a Master of Science degree in the field of mechanical engineering, automotive, aerospace, civil engineering or physics
- Several years of engineering experience with industrial applications using CAE systems (e.g. ANSYS, Abaqus, Nastran), preferably with automotive engine or chassis development projects
- Some experience in using optimization systems (e.g. TOSCA, Optistruct, Optimus, Isight) would be required, more experience would be very beneficial
- Willingness to travel intensely within the USA and Canada
- High amount of self-motivation and team orientation
- Commitment for the coordination and execution of projects
- Excellent communication and presentation skills
- Must be US Citizen or Permanent Resident (Green Card Holder)

We are offering:

- Personality development embedded in a worldwide growing and internationally oriented service company
- Individual trainee program depending on your background and experiences
- A competitive compensation package (basic salary, incentives, insurance)

Contact:

Please send your complete application including your salary expectations and earliest starting date to:

FE-DESIGN Optimization, Inc.
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USA

Or via email to: ron.banchak@fe-design.com