



SII Deutschland
Engineering & IT

Ihre Karrierechance als

Structural Dynamics Engineer (m/w/d)

Im Bereich Mechanical Engineering / Berufserfahrene

ARBEITSORT

- 88046 - Friedrichshafen (Baden-Württemberg)

AUFGABEN

- Finite element modelling with Hyperworks including model quality checks is part of your daily business
- You are responsible for the performance of modal and dynamic loads analysis
- Your job is to prepare structural analysis documentation
- You will establish the input data for environmental test campaigns (vibration test)
- You will support space projects from the proposal phase until the launch campaign
- Based on this, you will present the work results internally and to the customer

QUALIFIKATIONEN

- You have a finished master's degree in aerospace engineering, mechanical engineering or a comparable qualification
- You have 3+ years of experience in the fields of structural dynamics and dynamic loads - especially quasi-static, modal, sine and random vibration simulations
- Experience with Craig Bampton condensed models/superelements, as well as coupled analysis, is a plus
- You are familiar with comprehending load paths, identifying structural design weaknesses and proposing potential improvements
- You are able to evaluate the strength of bolted joints under each load case through hand-calculations
- Prior experience with aerospace projects is a plus
- Ideally, you are proficient in using NASTRAN/MSC Nastran and Hyperworks for finite element modelling and analysis
- You are looking forward to work in multinational teams and you bring a problem-solving attitude as well as the ability to work in autonomy
- Very good English skills, written and spoken, round off your profile – German is a plus

ANSPRECHPARTNER

Bei Fragen zu dieser Position wenden Sie sich bitte an:

SII Deutschland GmbH

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