

DARMSTADT SOFTWARE DEVELOPMENT ENGINEER [M/F], NUMERICAL SIMULATION, ELECTROMAGNETIC FIELDS, BEM, C++



THE **3DEXPERIENCE** COMPANY:
WITH FULL SPEED INTO
A NEW DIMENSION

WHAT WILL YOUR ROLE BE

- As a member of the integral equation and asymptotic solver team you will work on improving the integral equation based solver for high frequency applications
- Working with innovative software developers and application engineers

THE CHALLENGES AHEAD

- You are motivated to work in a team environment, collaborating with several related teams, to develop and improve a state of the art technology using modern programming practices and state of the art tools and techniques
- Stay up-to-date about newest development in relevant research areas
- Get used to the development tools, meet software quality measures

YOUR KEY SUCCESS FACTORS

- You hold a PhD or a Master's degree in Electrical Engineering, Physics, Mathematics or in a related discipline
- Theoretical knowledge specifically on numerical simulation of electromagnetic fields with the Boundary Element Method
- Strong skills in C++ and object oriented programming
- Knowledge in Python for internal process automation
- Fluent English speaking

BENEFITS

We work in a highly motivated team in a collegiate atmosphere, offer flexible working hours in a modern office environment combined with an attractive performance related salary (incl. bonus scheme). Through a wide range of social benefits (e.g. canteen, free beverages, parking garage, emergency childcare) we provide you a working environment in which you can fully develop your capabilities.

CONTACT US

Please submit your application (including a cover letter, CV, university transcripts and written references) online:

<https://www.cst.com/company/careers>

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