WHAT WILL YOUR ROLE BE

• Developing, specifying and supporting SI/EMC/EMI solutions in our Circuit Simulation environment, as part of the 3DEXPERIENCE platform
• Working with innovative software developers and application engineers
• Investigating customer examples, understanding their key design and suggest appropriate simulation setups
• Connecting with other teams, collaborating with people involved in circuit simulation, result handling and postprocessing, locally as well as world wide across the company
• Contributing to software quality and continuous integration pipeline

THE CHALLENGES AHEAD

• Help forming a competitive simulation environment with focus on Signal Integrity simulations for high speed data links and EMC / EMI effects in Power electronics applications
• Transform SI concepts like IBIS, Eye-Diagramm and BER into software solutions
• Get used to the development tools, meet software quality measures

YOUR KEY SUCCESS FACTORS

• Engineering Degree in Electrical Engineering or similar
• A PhD degree is welcome
• Experience in high speed design or modeling (e.g. digital bus systems, signal processing, switch mode power converter, power electronics, signal integrity, EMI / EMC aspects)
• Strong skills in C++ and object oriented programming
• Knowledge in Python for internal process automation
• Work experience with common EDA tools for PCB and circuit design
• Fluent English and German 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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