



Cs2 ITEC bietet Ihnen als Berufseinsteiger oder erfahrenem Spezialisten ausgezeichnete Möglichkeiten der fachlichen und persönlichen Weiterentwicklung.

Bei spannenden und abwechslungsreichen Tätigkeiten für internationale Großkunden und Konzerne, bauen Sie, je nach Aufgabenstellung und Position tiefes Fachwissen in neuesten Technologien oder breites Projektleitungs- bzw. Führungs-Know-how auf. Durch die Vielzahl unserer Themen können wir Ihnen, je nach persönlichen Wünschen, verschiedene Technologiebereiche und Aufgabenstellungen anbieten.

Electronic Hardware Developer Expert (m/f/d)

Standort: München

Diese Aufgaben warten auf Sie:

- Align with safety engineers on reliability and safety requirements
- Coach the electronic hardware development team to ensure a design for reliability and safety on schematic and PCB level
- Drive design FMEAs, FTAs, and similar methods
- Calculate FIT rates and break down FIT rate budgets to the design bricks and specify test cases for failfunctions of electronic circuits
- Contribute to failure analyses and to a crossprofessional learning inside the team
- As member of the power electronics team, enable the electrical hardware engineers to design a highly reliable and safe component for electrical aircraft engines

Was Sie mitbringen sollten:

- Master's degree in electrical engineering
- At least 8 years of operative experience with electronic hardware development
- Strong understanding of power converters architecture and hardware and good experience with automotive or industry power electronics embedded hardware development
- Professional ability to read and understand electrical circuit diagrams and good understanding of gate drives, auxiliary power supply, sensors, filters, and control hardware, experience with further electronic hardware circuits desired and of power semiconductors
- Longtime experience with FMEA method as an active member and as moderator. Experience with FTA, worstcase analysis, Monte Carlo analysis and similar approaches
- Understanding of failure mechanism and failure modes of modern active and passive electronic parts. Basic understanding ARP standards for aviation product development processes, willing to professionalize
- Excellent with English language and basic German language skills, willing to improve

Wir freuen uns auf SIE !

Ihr Ansprechpartner

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Link

<https://www.cs2-itec.de/jobs/p/?p=21656>

Job-Kennziffer

21656

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