SII Deutschland
Engineering & IT

Ihre Karrierechance als

Software Engineer - Algorithm & System Development (m/w/d)

Im Bereich IT & Software Development / Berufserfahrene

ARBEITSORT

- 85521 - Ottobrunn (Bayern)

AUFGABEN

- Design, develop, and maintain the system layer serving as the framework for algorithmic functions in the space domain
- Analyze and resolve performance issues through structured root cause analysis
- Implement, enhance, and validate correction and integrity algorithms
- Define and document algorithm specifications (e.g., DPM, DOORS)
- Perform simulation-based testing to verify functional and performance requirements
- Plan, execute, and evaluate laboratory and field tests

QUALIFIKATIONEN

- Studies in Space Engineering, Telecommunication Engineering or a similar qualification
- Strong understanding of the software development lifecycle (requirements, design, testing, metrics, and version control workflows)
- Solid background in navigation systems; experience with correction and integrity methods is a plus
- Proficiency in C/C++, Python, Linux, and development tools such as GitLab and Jenkins
- Familiarity with GNSS concepts
- Good knowledge of signal processing and navigation algorithms
- Experience in the space sector is a strong advantage
- Very good English skills round off your profile

ANSPRECHPARTNER

Bei Fragen zu dieser Position wenden Sie sich bitte an:

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