Driving decarbonization and digitalization. Together.

Master Thesis: Improving Scan Diagnosis Results using ML-based Techniques (f/m/div)

Job description

We are one of the 15% most sustainable companies in the world. Be part of our team a as a master thesis student and help us to make life easier, safer and greener. We are looking forward to your application!

- **Experience research**: Get familiar with industrial test flow and the related data and with the scan diagnosis and the pattern generation
- **Expand your horizons**: Investigate and explore state of the art ML algorithms
- **Data is everything**: Develop and implement a concept to apply ML on failure data
- **Take responsibility**: Analyze the results concerning specified characteristics

Profile

- **Study field**: You are currently in your master study of the field Electronical Engineering, Information technology or similar
- **Interests & Experience**: You bring a solid understanding of ML concepts, algorithms, and techniques
- **Skills**: You are familiar with data analysis, statistical methods, and programming languages commonly used in ML, such as Python
- **Personality**: Strong analytical and problem-solving skills, with the ability to think critically and independently
- **Language skills**: You are fluent in English

Please attach the following documents to your application:

- CV in English
- Certificate of enrollment at university
- Latest grades transcript (not older than 6 months)
- High school report

Why Us

Further links:
Find out

what we are looking for in your CV
Find out how the student application process works with us

At a glance

Location:
Job ID: **HRC0751197**
Start date: **Jun 01, 2024**
Entry level: **0-1 year**
Type: **Full time**
Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0751197**
www.infineon.com/jobs

Contact

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Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

Automotive Microcontroller: We make green mobility smart

As a leading automotive microcontroller vendor, the Infineon business line Automotive Microcontroller (ATV MC) offers the industry's most comprehensive microcontroller and software portfolio. The three major product families, AURIX, TRAVEO and PSoC, provide the newest innovation in performance, connectivity, power consumption, safety and security.

We enable the latest advancements in the dynamic automotive market, such as vehicle electrification, automated driving and driver information & interaction. Being at the core of transformation, we pave the way for new technologies, such as artificial intelligence and dependable computing, as well as higher levels of connectivity, security and user experience. So, join us to create a better future together.
#AutomotiveMicrocontroller

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We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.
Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.
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