Driving decarbonization and digitalization. Together.

Internship - Data Analytics & Governance

Job description

The student, as part of the R&D Execution Governance team (headquartered in Munich) and under the guidance of an assigned local mentor, will undertake assignments within Infineon's flagship Automotive Micro-controllers. This position offers exciting learning opportunities to be involved in and exposed to end-to-end data activities such as data automation, visualization, as well as data documentation and governance.

In your new role you will:

- Set up / maintain / improve **data automation pipelines for KPI reports** using tools such as python, Tableau prep, schedulers (Jenkins), version control (Bitbucket /GitHub), tracking tools (JIRA), virtualization platforms (Denodo) and knowledge base platforms (Confluence)

- Create / maintain / improve interactive **data visualizations / reports** on Tableau

- Support R&D Execution Governance team in the **organization and documentation of data assets** and use cases with cataloguing tools such as Alation. This includes the **documentation of data dictionaries and data lineages** to uncover dependencies in data pipelines or data quality issues

- The above tasks require close collaboration with key R&D stakeholders in Munich such as the Data Governance Office, Project Management Office, System / Data Owners, as well as data professionals in the R&D Execution Governance team, in which you will work in a SCRUM setup

Internship learning outcomes:

- Apply knowledge gained from coursework by working on **end-to-end data use cases at R&D**, touching on topics such as data engineering, analytics, and governance

- Gain experience and knowledge in **common commercial tools** such as Python, Tableau, Jenkins, Bitbucket, GitHub, JIRA, Confluence, Denodo

- Enhance **R&D efficiency and effectiveness** through digitalization, data visualization, and data management

- Experience **'learning while doing'** in a dynamic and diverse team of data professionals

- Sharpen **soft skills** essential for future career proliferation after graduation in a safe environment, interacting with colleagues across Asia Pacific and Europe

Profile

You are best equipped for this task if you have:

At a glance

Location:
Job ID: **HRC0951000**
Start date: **Jan 06, 2025**
Entry level: **0-1 year**
Type: **Full time**
Contract: **Temporary**

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Job ID: **HRC0951000**
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- Bachelor / Masters' Degree in Business Analytics / Data Science / Computer Science
- Demonstrated **skills / portfolio in scripting** (SQL & python) and data visualization (Tableau)
- Basic **understanding of data governance concepts** such as metadata, data classification, data access management, data architecture and data stewardship
- Good communication, verbal & written skills. This includes the ability to effectively **explain technical details to a non-technical audience**
- Demonstrated **problem-solving skills** to detect and resolve causes of errors in data solutions
- High level of **initiative, independence and urgency** to get things done, with an agile mindset
- **Willingness to learn and explore new tools**, methods, or ways of working to improve efficiency in existing processes

Why Us

#WeAreIn for driving decarbonization and digitalization.
As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.
Are you in?

We are on a journey to create the best Infineon for everyone.
This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.
Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.
Click here for more information about Diversity & Inclusion at Infineon.