Driving decarbonization and digitalization. Together.

Internship - Data Visualization (Industrial Engineering)

Job description

The student, as part of the System on Chip Verification (SOCV) team and under the guidance of an assigned mentor, will undertake projects to develop data visualization solutions to track data quality & improve work productivity of Infineon employees.

In your new role you will:

- Define the end-in-mind requirement to **analyze and detect gaps** with data quality
- Perform **data processing and validation** using combination of SQL & Python
- Design and build **visual dashboard using Tableau / Knime**
- Create **documentation** and conduct **training** on data concepts and specific tools

Internship learning outcomes:

- **Understand & know how to apply Tableau/KNIME software** to design & develop visual dashboard/tools for operational analysis/reporting & data quality monitoring
- **Understand data analysis methodologies** to identify performance detractors and root causes to enable focused areas to drive productivity

Profile

You are best equipped for this task if you have:

- On track to attain Bachelor in Data Science, Computer Science, Engineering or related technical discipline
- Able to commit full-time internship for **at least 5 months**
- Familiarity with **ETL, Tableau, Knime, SQL, Python** would be advantageous

Benefits

- **Singapore:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Staggered working hours for normal shift employees ; Home office options, certain conditions apply.; Part-time work possible (applicable for normal shift employees); On-site day-care center; Medical coverage; On-site social counselling and works doctor;

At a glance

Location:
Job ID: **HRC0899822**
Start date: **Jan 06, 2025**
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: **HRC0899822**
www.infineon.com/jobs

Health promotion programs; On-site canteen; Private insurance offers; Paid sick leave according to law, personal accident & work injury insurance, long term illness leave; Retirement benefits, re-employment opportunities, employment assistance payment; Performance bonus; Provision of long haul transport for shift and shuttle services for office to defray transport costs

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.