

Driving decarbonization and digitalization. Together.



Internship - Data Science Analyst

Job description

The student, as part of the Artificial and Data Intelligence team and under the guidance of an assigned mentor, will undertake projects related to digitalization or AI.

In your new role you will:

- Work on digitalization or AI project to **improve productivity in manufacturing**
- Work on various machine learning **techniques and software** to operationalize the solution
- Work with **various technical experts** in understanding the business requirement
- Be exposed to **different software systems and scripting languages** to complete the project
- Be coached to **understand backend manufacturing**

Internship learning outcomes:

- Obtain an **in-depth understanding on the semiconductor industry** - Product Test Engineering, Back-end testing
- Be exposed to **various data analysis, statistics, data engineering** and how it is used to identify root cause
- Gain hands-on experience related to **programming, data preparation, internal systems and data architecture**
- Gain real-life experience using **in-house data extraction tool** and **data visualization tool**, Python, Database Management and ML tools
- Enhance **presentation and interpersonal skills**, demonstrate appropriate critical thinking skills and hone decision

Profile

You are best equipped for this task if you are/have:

- On track to attain Bachelor or Masters in Data Science, Computer Science, Applied Mathematics, Statistics, Business Analytics or related technical discipline
- Proficient in **data mining, data visualization, coding skills** in Python
- Experience in **AI/ML/DL, CV, optimization**
- Passion for **AI** and **high degree of self-initiative** and **independent learning**
- Strong communication and analytical skills

At a glance

Location:

Job ID: **HRC0899284**

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: **HRC0899284**
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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.

