

# 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-making skills

### Profile

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

- On track to attain Bachelor or Master 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: **Singapore (Singapore)**  
Job ID: **HRC0381795**  
Start date: **as soon as possible**  
Entry level: **0-1 year**  
Type: **Full time**  
Contract: **Temporary**

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Job ID: **HRC0381795**  
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## Benefits

- **Singapore:** Trainingsangebot & strukturierte Entwicklungsplanung; Möglichkeit zur internationalen Entsendung; Verschiedene Karrierepfade: Project Management, Technical Ladder, Management & Individual Contributor; Gestaffelte Arbeitszeit für Normal-Schicht Mitarbeiter; Home office; Teilzeit möglich für Normal-Schicht-Mitarbeiter; Kindergarten am Standort; Medical coverage; Sozialberatung & Betriebsarzt; Gesundheits- & Vorsorgeprogramme; Kantine; Versicherungsangebot zu attraktiven Konditionen; Lohnfortzahlung im Krankheitsfall; Pension Benefits; Erfolgsbonus; Shuttle Service für Schicht-Mitarbeiter

## Why Us

### **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.

### **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.

More about diversity & inclusion at Infineon at <https://www.infineon.com/cms/en/careers/diversity-and-inclusion/>

