Internship - Machine Learning and Data Analytics

Job description

The student, as part of the BE TTI PTE team under the guidance of an assigned mentor, will undertake projects working on Machine Learning (ML) /Deep Learning and Data Analytics projects related to product and final test.

In your new role you will:

- Be involved in **backend data and analytics projects**
- **Build data analysis** and **machine learning models** for predictive analysis, image classification and other tasks
- Learn and employ new techniques and new tools to **support the ML projects**

Internship learning outcomes:

- Understand the main steps of Back-end **assembly packaging process**, Back-end **final test production procedures** and the subsequent **data post-processing**
- Learn the **concept and application of machine learning f**or Back-end assembly /final-test
- Gain knowledge on the **concept and application of statistical methods and ML techniques**
- Make intensive use of **batch programming**, R, Python and XML language for programming of a data analysis tool
- Enhance **communication skills** through interaction with international colleagues

Profile

You are best equipped for this task if you have:

- On track to attain a Bachelor's or Master's degree in Electrical/Electronic Engineering, Computer Engineering/Science or Information Technology, Data Science and Analytics
- **Know-how in machine learning** and **programming languages** preferred: R, Python and XML
- Motivated to learn and pick up new knowledge/skills
- This is a minimum 5 months internship opportunity

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.