



Master Thesis Topic: Reliability models

Job description

As a master student (f/m/div)* in statistics you will work mathematical models based on the beta-distribution. The scientific work is embedded in an internationally funded project as well as in the context of Infineon's development department. With your work, you contribute to the quality and robustness of our products.

In your new role, you are part of the international automotive engineering team at our site in Villach.

In this position you will:

- **Review existing models** based on beta distributions
- **Adopt models** to the needs of Infineon semiconductor devices
- **Validate models** based on real data
- **Publish relevant models** on conferences or in papers

Further information

Type of employment: Temporary / Full-time (Flexible working hours from Monday to Friday between 6 a.m. and 7 p.m.)

Start: October 2021

Duration: min. 6 months

This thesis has to be written in cooperation with an university.

Profile

As a true **team player**, you treat your colleagues with respect and trust. You can convince with a **structured and precise way of working**. You are a **good networker** and have **strong communication and analytical skills**.

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

- A bachelor **degree** in **s tatics** or **m athematics**
- **Knowledge** in **automotive** and **semiconductor** industry
- Strong theoretical **mathematical background**
- **Programming skills** (Matlab, R, etc.)
- **English** and **German** skills

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry (full-time), employment group D for master students (<https://www.feei.at/leistungen/informations-service/mindestlohne-und-gehalter->

At a glance

Location: **Villach (Austria)**

Job ID: **322224**

Start date: **Oct 01, 2021**

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:

Job ID: **322224**
www.infineon.com/jobs

Contact

Nico Steinhauser



2020).

Please attach the following documents (german or english) to your application:

- Motivation letter
- CV
- Certificate of matriculation at a university
- Transcript of records
- Highest completed educational certificate (Matura certificate for Bachelor students, Bachelor certificate for Master students)
- Reference letter

