



Bachelor/Master Thesis: Supply Chain Engineering Innovation (f/m/div)*

Job description

Did you know that a digital supply chain needs an ecosystem of connected internal and external partners where data is in the center of value creation? Would you like to write your thesis while working with our Supply Chain Innovations Group? We are offering a wide range of different topics on digitalization and the opportunity to work with the best professionals in the field. Apply now!

As a result of today's globalized and outsourced world, an organization's success is no longer dependent on its own efforts alone. Today this success depends largely on how effectively it can orchestrate a vast, global network of supply chain facilities to deliver goods and services that meet the needs of individual consumers. So a **digital supply chain needs to coordinate an ecosystem of software, processes, knowledge, products and entities where intelligent tools collaborating with human planners is in the center of value creation**. This vision is possible but requires innovating Infineon's processes, tools and culture.

For this thesis, we are offering a wide range of different topics on digitalization. The key problem and the methodology will differ but the main process will include the following steps:

- Problem Understanding – **Analyzing the current set-up and processes**, e.g. customer collaboration or forecasting processes.
- Methodology Provision – **Benchmark of existing methods and strategies**, e.g. for human-machine collaboration or machine learning algorithms.
- Solution Development – **Implementation of problem solving method**, e.g. in form of a roadmap or computer codes.
- Case Study – **Application of the solution on real data**.
- KPI Impact Analysis – **Analysis of the outcome considering existing KPIs**.

Please be aware that the thesis will be conducted in English and you can propose the topic on your motivation letter.

Profile

You are best equipped for this position if you:

- Are currently **studying Business Administration, Engineering, Data Science** or a similar field.
- Already have **knowledge in Supply Chain Management or Data Science**.
- Have strong **analytical and communicative skills**.

Please attach the following documents to your application:

- Your CV in English.
- Copy of your certificate of enrollment at university.
- Copy of your latest study transcript.

At a glance

Location: **Munich**
Job ID: **37744**
Start date: **immediately**
Entry level: **Thesis support**
Type: **Full time**
Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search:

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Contact

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In addition, also add your motivation letter and explain your proposed topic.

