



Internship followed by a thesis at the Semantic Web team

The following list is a description of the main task that can be assigned to you. They are subject to small variations according to the team's actual requirements and available resources.

The **Infineon Technologies AG** is Europe's second-largest semiconductor manufacturer that develops semiconductors and systems for automotive, industrial and multimarket sectors, chip card, and security products. Their products are developed to make life easier, safer and greener with technology that achieves more, consumes less, and is accessible to everyone.

The **Supply Chain Innovations** department of the Infineon Technologies AG is currently offering an **internship followed by a possible Master's Thesis within the Semantic Web team**.

Semantic Web team is part of the Supply Innovation department that focuses on applying Semantic Web technology to different scenario cases and projects.

Tasks Description

- Implement/Enhance a blockchain solution for automatic update of the ontologies
- Create an architecture / technology stack for an integrated platform for collaborative ontology development, relying on automatic process update using blockchain
- Support in integrating an existing blockchain-based platform into a collaborative ontology development platform

Begin: in 4-6 weeks
Duration: 2-6 months
Mentor: Hans Ehm / Nour Ramzy

“It's ok if you don't know about Semantic Web, it's a paradigm that you can learn when you have the focus, enthusiasm and talent.”

Interested? Please send by email your application together with your curriculum vitae and transcripts of records to **Hans Ehm** (hans.ehm@infineon.com)

Infineon Technologies AG

Postadresse D-81726 München Internet www.infineon.com Hausadresse Am Campeon 1-15, D-85579 Neubiberg Tel. +49 (0)89 234-0

Vorsitzender des Aufsichtsrats Dr. Eckart Sünner

Vorstand Dr. Reinhard Ploss (Vorsitzender), Dr. Helmut Gassel, Jochen Hanebeck, Dr. Sven Schneider

Sitz der Gesellschaft Neubiberg Registergericht München HRB 126492