

REQUIREMENTS ENGINEERING - THE HITCHHIKERS GUIDE

תיאור הקורס

Did you ever come across a 42 problem? Probably yes. The 42 problem is an answer, for which we do not have the question. Like products, we have been developing over the years, omitting proper requirements documentation, which is the answers to needs, which have been forgotten long ago. Now, everybody is trying reverse engineering with great tools and struggles.

This course gives you the fundamentals of requirements engineering, stakeholder management, and requirements documentation. It builds the basis for a later CPRE certification and introduces you to the basics of RE and its purpose as well as tooling, organizing and communicating requirements in a collaborative and agile workflow. No more misunderstandings and no more 42 problems. Guaranteed.

תוצאות הלמידה

- Deep understanding about the motivation for requirements & stakeholders

- Capability to differentiate between challenge & solution spaces

- Awareness for the role of the Requirements Engineer

- Application of different types of requirements

- The good and the bad - requirements and quality

- Awareness of the importance of requirements for risk management

- Sorting, structuring and managing requirements

- Requirements verification and validation

- Application of the feature-based approach to requirements

- Toolings and sorting

- Requirements reuse and their role for modularity

- How to apply requirements for regulatory issues

למי מיועד הקורס

- Requirements Engineers
- Product Leads
- Product Owners
- Product Managers
- Sales Engineers
- Integration, Verification and Validation Engineers
- Project Managers

מחירי הקורסים

Early Bird Rate: 1,350 CHF. Regular Rate: 1,500 CHF

משך הקורס

2 days

המרצה



Oliver Fels

Oliver Fels has been the first independent European speaker at the 1997 JAVAOne conference and the first independent to speak three years in a row.

Since then, Oliver Fels has been working in major industries developing complex systems, filling various roles - as a project manager, department lead, systems engineer, architect, product owner, requirements and methodology engineer, and more.

As a leading systems engineer, he supported revolutionize the Z□rich public transport system, being responsible for the new passenger information concept.

In a department lead role, he redesigned hands-on the first and business class sections for the 21st century of various international airlines.

With his high interest for sustainability and renewable energy, Oliver was also an active member of the Solar Impulse 2 project, the first solar flight around the world accomplished by Swiss entrepeneur and pioneer Bertrand Piccard.

Oliver is currently actively supporting sustainability and renewable energy projects using blockchain technology and is the inventor of the sustainability engineering methodology, which uses system engineering principles to aid enterprises structuring their sustainability strategies.

Oliver has held several speeches and international workshops in the area of systems engineering, IT security, and software development as well as coached engineers in leadership, requirements engineering, and other topics.

Having worked in various diversity environments, he highly emphasizes an intercultural and interoperational approach to working with people in which individualtiy and empathy are highly valued. As such, bringing his broad expertise to a wider audience is an important passion for him.

Oliver holds an egineering degree in computer science and electrical engineering.