Branch: IT and communication

Code: INGENG
Option: Industrial engineering
Level: Bachelor
Prerequisites: Scientific baccalaureate or equivalent
Opportunities:

IT SOLUTIONS ARCHITECT

IT systems are becoming increasingly complex and important. In order to manage the increasing number of machines and products that are connected in real time, as an IT solution architect you take responsibility for the design of the whole system. IT systems are becoming increasingly complex and important. To manage the growing number of machines and products that are interconnected in real time, as an IT solutions architect you will assume responsibility for the overall system design. IT systems are becoming increasingly complex and important. To manage the increasing number of machines and products that are connected in real time, as an IT solutions architect you will assume responsibility for the overall system design.

SOFTWARE ENGINEER INDUSTRY

As a software engineer, you plan, create, manage and distribute software systems. You are responsible for the operation and maintenance of the products and for quality assurance. Therefore, you regularly perform system tests, evaluate the results and document them.

SCIENTIFIC DATA

Data scientists are the creative minds behind the algorithms. They structure large amounts of data and compile actionable information for their employer. Your goal is to find unknown connections between data sets, the evaluation of which can lead to new productivity gains. Data scientists are the creative minds behind the algorithms. They structure large amounts of data and compile actionable information for their employers. Your goal is to find unknown connections between data sets, the evaluation of which can lead to new productivity gains.

Description

With a mix of business basics and subject-specific know-how, the Bachelor of Industrial Engineering program prepares you optimally for the demands of industry and the challenges associated with it. With your Bachelor's degree in Industrial Engineering, you will primarily ensure the smooth running of processes at the interface between business administration and technology. And thus make a significant contribution to the increased productivity and economic success of a company. The Industrial Engineering and Industry Management 4.0 degree program not only teaches you the basics of business management. Above all, the development of intelligent digital solutions is on the agenda.

Specific competences:

Would you like to play an active role in the digitalization of the entire production process? Then you will learn to take on management responsibilities in the UUT Industrial Engineering and Management Industry's 4.0 degree program. The IT systems of entire sectors are becoming increasingly complex and the digitalization of production processes is progressing inexorably. To be able to successfully design, control and manage new infrastructures, qualified IT experts like you are needed.

Quality and competences:

With your knowledge of software applications, automation and robotics, machines and products can interact with each other in real time. And learn. Specialist knowledge such as manufacturing processes and 4.0 product development will keep you at the forefront of the digital age. And make you fit for your career as an IT professional.