

# Apprenticeship IT – Computer Scientist

## Length of apprenticeship

3,5 years

## Training system

Dual training system in the business and in vocational school

## What do I learn in the business?

- In the field of hardware: peripheral devices, system setup with interfaces and bus systems, networks
- In the field of software: operating systems and user programs
- Data transfer, data security and data protection
- Support and training of users
- Basic knowledge of programming and creating databases
- Knowledge in the areas of project definition, planning and control
- Update and generate standard and industry software

## Vocational school

State vocational school no. 4 in Salzburg

Classes are divided into blocks:

1 <sup>st</sup> to 3 <sup>rd</sup> year	9 weeks
4 <sup>th</sup> year	7 weeks

## What do I learn in vocational school?

- System management, equipment and data technology
- Applied physics and mathematics
- Project management and practical training
- Computer science
- System, programming and network technology labs

## Tools and testing equipment

- Computers, computer networks
- Proprietary systems
- Manuals and operating instructions

## Main duties

- Installing and servicing of hardware and software components
- Configuring and optimizing operating hardware and software
- Working on network operating systems
- Setting up, wiring, installing, configuring, calibrating and testing PC networks

## Requirements profile

- Interest in IT and HTML
- Solid basic knowledge in IT, mathematics and English
- Logical thinking
- High degree of autonomy, reliability and stamina
- Team player

## Infos

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