Future Learn

Certificate of Achievement

Matthias Giger

has completed the following course:

UNDERSTANDING COMPUTER SYSTEMS

RASPBERRY PI FOUNDATION AND NATIONAL CENTRE FOR COMPUTING EDUCATION

This online course explored how the components of a computer system interact with each other. It covered the difference between hardware and software, and the effects of different components on boot-up times. It also looked at inputs & outputs, and the role of the operating system.

3 weeks, 2 hours per week

Dr Sue Sentence
Chief Learning Officer
Raspberry Pi Foundation

Raspberry Pi

Teach Computing

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STUDY REQUIREMENT
3 weeks, 2 hours per week

LEARNING OUTCOMES
- Describe the difference between hardware and software
- Assess the importance of operating systems and virtual memory
- Describe and compare storage, input, and output devices
- Discuss factors affecting the performance of a system
- Identify the functions of the hardware in a computer system
- Explore different types of software such as application, system, and utility
- Investigate how devices interact with the operating system and other software

SYLLABUS
This course explores what happens when your computer turns on. Learn about how the components of a computer work together from the moment you press the "on" button, to the software, hardware and CPU.