



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



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This learner has not verified their identity. The certificate and transcript do not imply the award of credit or the conferment of a qualification from Raspberry Pi Foundation and National Centre for Computing Education.



Raspberry Pi



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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.