



Certificate of Achievement

Joshua Wellington

has completed the following course:

HOW TO GET INTO ROBOTICS

UNIVERSITY OF LEEDS, CLICK START AND INSTITUTE OF CODING

This online course explored the core elements of robotics. Learners considered what defines a robot, from humanoid robots assisting the elderly to autonomous cars ensuring safety, and medical robots revolutionising surgeries.

2 weeks, 3 hours per week



Dr Sam Wilson

School of Computing, University of Leeds
University of Leeds



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 certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.

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97%
OVERALL
SCORE

This online course explored the core elements of robotics. Learners considered what defines a robot, from humanoid robots assisting the elderly to autonomous cars ensuring safety, and medical robots revolutionising surgeries. The course provided a thorough introduction to these intelligent systems and their roles in various sectors.

- The ethical implications of robotics
- Technical skills: Important robotics tools and relevant programming languages

STUDY REQUIREMENT

2 weeks, 3 hours per week

LEARNING OUTCOMES

- Describe the components of an intelligent robot
- Describe the application and challenges of each robotic area (industrial robotics, autonomous vehicles etc)
- Explain the difference between career paths in robotics (research engineer, automation specialist etc)
- Describe the skills required to succeed in a career in robotics

SYLLABUS

In this course, you will learn about the dynamic world of robotics, which blends engineering, electronics, and computer science to create innovations that enhance our daily lives. You'll learn to envision a future where humanoid robots assist the elderly, autonomous cars ensure safety and medical robots revolutionise surgical precision. You'll then discover the array of exciting careers in robotics, from engineering and software development to research and project management, gaining insights into the skills required for success in this rapidly advancing field.

- What is an intelligent robot?