



Certificate of Achievement

Noel Leon Kronenberg

has completed the following course:

MEDTECH: AI AND MEDICAL ROBOTS
UNIVERSITY OF LEEDS

This online course explored human robot interaction and the fascinating world of robotics and artificial intelligence in healthcare.

2 weeks, 5 hours per week



Shane Xie

Chair Professor in Robotics and Autonomous System,
University of Leeds



UNIVERSITY OF LEEDS

Certified by



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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MEDTECH: AI AND MEDICAL ROBOTS UNIVERSITY OF LEEDS

90%
OVERALL
SCORE

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STUDY REQUIREMENT

2 weeks, 5 hours per week

LEARNING OUTCOMES

- Discuss how AI and Robotic technologies could impact the nature of assisting individuals with healthcare complications.
- Articulate the commercialisation and regulatory process of medical robotics in the US and UK.
- Describe crucial problems of using AI and robotics in healthcare and how this is overcome.
- Describe how assistive robots assist in the application for surgery and rehabilitation.

SYLLABUS

- Understanding the history of AI and robotics in healthcare.
- Exploring the features of human-robot interaction.
- Human centred design and challenges when designing robots for use in healthcare settings.
- Regulatory bodies and frameworks within AI and robotics.
- The pathway and process of commercialising healthcare robots.
- How robots are currently being used to assist patients.
- How robots can be used to assist clinicians.
- Exploring the future of robots in healthcare and whether it could result in a loss of human care.

ACCREDITATION

This course has been certified by the CPD Certification Service as conforming to continuing professional development principles.