





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.

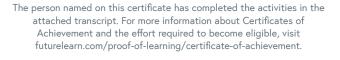
2 weeks, 5 hours per week

Shane Xie

Chair Professor in Robotics and Autonomous System, University of Leeds















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.

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
- 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 Al 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.

