CS in Healthcare

Lecture Outline

01

Application of Computer Science in Healthcare

- Drug development
- Disease diagnostics
- Health monitoring
- Digital consultation
- Computer aided decision making
- AI assisted medical imaging
- Robotic surgical treatment
- ... and more!

02

Why a healthcare professional might want some computer science knowledge

- What is this machine I'm using?
- Can I trust it to take care of my patient?
- Is this machine going to take my job away from me?