CS 325: Introduction to HCI

Brief history of HCI
Past, Present, Future

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Introduction

What is HCI?
Elizabeth Churchill
Director, User Experience, Google

https://www.youtube.com/watch?v=JMzYmEl2cWM
Past

Where do we come from?
The Past

https://www.youtube.com/watch?v=JMzYmEl2cWM
Mother of all Demos
1968
Douglas Engelbart
Augmentation Research Center Lab in SRI International

https://www.youtube.com/watch?v=B6rKUf9DWRI
Early Touch Screens

1982
BBC TV show *Tomorrow's World*

https://www.youtube.com/watch?v=JAcZpQCLb4E
Early Tablet: Penpad

1985
PenPad Demo

https://www.youtube.com/watch?v=XR-Et7d5hgs
Apple Newton

1993
The computer chronicles TV Show

https://www.youtube.com/watch?v=mZ4MMZcF3UE
History of desktops and icons
Elizabeth Churchill
Director, User Experience, Google

https://www.youtube.com/watch?v=JMzYmEl2cWM
iPhone
2007
First commercialize touch user interface
Look at the icons
Steve Jobs
CEO, Apple

https://www.youtube.com/watch?v=vN4U5FqrOdQ
Steve Jobs
CEO, Apple

https://www.youtube.com/watch?v=vN4U5FqrOdQ
Steve Jobs
CEO, Apple

https://www.youtube.com/watch?v=vN4U5FqrOdQ
Microsoft envision of 2019 back in 2009

How many of the to be shown technologies do we have now?
Look for novel human computer interactions
Microsoft envision of 2019 back in 2009

https://www.youtube.com/watch?v=t5X2PxtvMsU
SixthSense

2009

Thinking out of the box
Pranav Mistry
MIT grad student

https://www.youtube.com/watch?v=YrtANPtnhyg
Present

Design for current devices we have
Top 5 UI/UX design in 2019
Top 10 UX & UI Trends for 2019

https://www.youtube.com/watch?v=J8AZYtbS8s0
Future of Design
The Present into the Future

https://www.youtube.com/watch?v=JMzYmEl2cWM
Future of Interfaces
Future of interaction with AI

How we can make AI accessible to everyone?