COURSE DETAIL

COMPUTERS AND HUMANS
Country United Kingdom - England
Host Institution University College London
Program(s) University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 159
UCEAP Course Suffix
UCEAP Official Title COMPUTERS AND HUMANS
UCEAP Transcript Title COMPUTERS & HUMANS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

The course provides an overview of the relationships between computing systems and human beings, from a technological perspective. The first weeks introduce the main theoretical and technical concepts of human-computer interaction (HCI), such as cognitive aspects of visual design, interaction design, persuasion, and user experience. The students analyze the risks and possibilities associated to computing interfaces, wearable technologies, and data visualization. The second part of the course focuses on AI and algorithms, with a broad introduction to the main techniques and challenges involved, e.g., machine learning and data science. In this part as well, once equipped with the basic conceptual tools, students focus on the ethical challenges of modern AI systems, with a discussion on the concepts of accountability and trust?

Language(s) of Instruction
English

Host Institution Course Number
BASC0048

Host Institution Course Title
COMPUTERS AND HUMANS

Host Institution Course Details
https://www.ucl.ac.uk/module-catalogue/modules/computers-and-humans-BASC0048

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Arts and Sciences

Course Last Reviewed

2023-2024

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