Pietro Cau

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Experience

Visiting Student Researcher

Chalmers University of Technology

Apr 2025 – Present

Working on my master thesis in the Interaction Design research group, designing and researching in-vehicle interaction.

Research Project Assistant – Interaction Design

University of Trento

Oct 2024 – Feb 2025

Collaborating with researchers at the University of Trento to design interfaces aimed at pre-literate children as part of the TaGaDeDys research project ("Tablet Games for Early Detection and Intervention of Developmental Dyscalculia").

Founder and Organizer

HCI After Hours

Dec 2023 – Mar 2025

Founded and organized a small independent student's conference at the University of Trento. Currently in its 4th edition, the HCI After Hours brings together past, present and future HCI students in a "TEDx-style" conference to share thoughts and ideas.

Medical Administrative Assistant

Eurofins

Sep 2021 – Feb 2022

During the COVID-19 emergency in Italy I worked in a testing facility where I teamed up with doctors to run sections of the facility.

Languages

Languages:
Italian (Native)
English (C1) 113/120 TOEFL Score.
Spanish (Basic)

Education

MSc Human Computer Interaction

University of Trento

Sep 2023 – Present

The Master's Degree in HCI trains professionals to understand the complexity of human cognition with the aim of applying this knowledge in the design of new technologies matching the most diverse human needs, values, and interests.

Courses include:
Cognitive Ergonomics, Visual Brain and Design, Qualitative research methods, Quantitative research methods, Prototyping Interactive Systems, Multisensory Interactive Systems, Cognitive Neuroscience and Neurotechnology, Digital Nudging & Decision Making.

BSc Computer Science

La Sapienza University of Rome

Sep 2019 – Oct 2023

During my CS degree I took elective courses in Artificial Intelligence and Machine learning, I also completed my thesis on the topic of generative AI models for "password guessing".

Skills & Tools

Interaction:
Figma and other design software · Prototyping · Sketching · Wireframes · User Flows · Mock ups · Fusion 360

Research:
User Testing · Quantitative Methods · Qualitative Methods

Coding:
HTML/CSS/JS · Python · Unity · Java · C# · Arduino and more