



Samuele Mazzei

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EDUCATION AND TRAINING

Master's degree in Human-Computer Interaction

University of Trento [30/09/2024 – Current]

City: Trento | Country: Italy | Website: <https://corsi.unitn.it/en/human-computer-interaction> | Level in EQF: EQF level 7

Bachelor's degree in Computer, Communication and Electronic Engineering

University of Trento [09/2020 – 27/09/2024]

City: Trento | Country: Italy | Website: <https://corsi.unitn.it/it/ingegneria-informatica-delle-comunicazioni-ed-elettronica> | Final grade: 87/110 | Level in EQF: EQF level 6 | Type of credits: ECTS | Number of credits: 180 | Thesis: Spatial Audio in WebXR

PROJECTS

[15/07/2025 – 20/08/2025]

Impact on Distraction and Interaction of In-Vehicle Information Systems: An Eye-Tracking Study of the Android Auto User Experience

- Designed and conducted a user study with a custom eye-tracking system to evaluate Android Auto's impact on driver distraction and interaction.
- Utilized mixed-method research, collecting quantitative data via eye-tracking software and questionnaires (SEQ and UMUX).
- Analyzed user feedback to identify significant usability issues with navigation and messaging features, particularly with keyboard typing and speech recognition.
- Demonstrated that, while Android Auto is generally perceived as useful, it requires improvements to system accuracy to reduce user errors

Submitted Paper to the I3DA Conference: Spatial Audio for WebXR: Perceptual Evaluation of Sound Localization Technologies on the Browser

Submitted Paper to CLiC-it 2025: Uni-Mate: A Retrieval-Augmented Generation System to Provide High School Students with Accurate Academic Guidance

WORK EXPERIENCE

Kadidak SRL – Trento (TN), Italy

City: Trento (TN) | Country: Italy

web developer

[12/04/2021 – 03/10/2022]

I worked as a frontend developer and designer for Kadidak S.R.L. which is involved in research and development of new teaching methods for high schools. In particular, I designed (Figma) and created webapp interfaces in Next.js (React).

IIS Don Milani Montichiari – Montichiari (BS), Italy

City: Montichiari (BS) | Country: Italy

graphic designer

[2019]

The assignment was to create a flyer to display the universities during the open day at the school.

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING C1 WRITING B2
SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING B1 READING B1 WRITING B1
SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

UX e UI / Interaction Design / Design skills (Figma, Adobe Photoshop, Adobe Illustrator) / Extended Reality / AR&VR Development / Multisensory Interactive Systems / In-Vehicle Infotainment Systems / HTML CSS Javascript / Android/iOS flutter application development (Dart) / Mlcrosoft Office/365 (Word, Excel, PowerPoint, Access) / Programming Languages (C, C++, Java, Python, R)

HONOURS AND AWARDS

[24/06/2025] DigiEduHack

2024 DigiEduHack Hackaton winner MyVision is the Global Winner in the Experienced category of DigiEduHack!

I created an app that guides students in choosing the university path that best suits their aspirations through the integration of various features such as AI, podcast, and direct counseling. It won the European Commission initiative that promotes innovation in digital education.

Selected from among the proposals submitted by over 1,700 participants from 25 countries, MyVision has been awarded in Brussels and I became a DigiEduHack Global Ambassador.

Link: <https://digieduhack.com/solutions/myvision>

EXPERIENCES

[09/09/2017 – 15/09/2017]

English Language Course In England

English course in England (Canterbury Study Center), completed with the "upper intermediate" level