



# Federico Macchi

SOFTWARE ENGINEER  
UI & UX DESIGNER

## CONTACTS

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## SKILLS

### PROGRAMMING LANGUAGES & FRAMEWORKS

Professional experience with Javascript (NodeJS, React, NWJS).

Experience with Python, Java, C#, Unity, HTML, CSS, Wordpress, Git, NPM, SikuliX, Windows, and Linux.

### USER-CENTERED DESIGN TECHNIQUES

Usability Evaluation, User Research, Personas, Participatory Design, Rapid and Hi-Fi Prototyping (Axure RP, Adobe XD).

### OTHER

Working with and leading teams, good communication, and pitching skills.

Experience with the MS Office Suite, Adobe Illustrator & InDesign. Advanced with Photoshop and Adobe XD.

## LANGUAGES

### ITALIAN

Native

### ENGLISH

Full professional proficiency (C2)

### SPANISH

Limited working proficiency

## ABOUT ME

Currently completing a (Double) M.Sc. in Human-computer Interaction and Design at the University of Trento, Italy, I'm passionate about technologies and sciences. I love writing code but I also have a creative side.

I like to get my hands dirty building and testing devices of any sort; I have a team-oriented mentality and like to co-operate with others to share ideas, insights, and knowledge.

I like to take part in hackathons and other coding challenges.

I'm interested in Software Development/Engineering, but also in UIs, XR, and UX.

I'm very passionate about space, aerospace, videogames, and cooking.

## WORK EXPERIENCE

### COOPERATIONS - HELSINKI (FINLAND)

January 2019 - May 2019

During my year abroad at Aalto University, I cooperated with Posti.fi and Elisa.fi.

- Posti.fi: we designed and implemented a Marketing Event, Postin Päivä (Posti Day)

- Elisa.fi: we conducted a Usability Evaluation of their streaming platform Elisaviihde.fi

### SOFTWARE ENGINEER @ MONKEYCUBE SRL - MILAN (ITALY)

March 2018 - December 2018

We developed a cross-platform application (Windows, macOS, Linux), to determine the best positioning of television antennas to optimize the covered area, The application was based on ReactJS, NwJS, ThreeJS, and Semantic UI.

#### MY ROLES:

Discuss the software architecture, implement new features and peer-review my colleague's code; we used GitLab to co-operate, linters and coding guidelines to keep the code organized and maintainable.

### EMPLOYEE @ PSA&CF SRL - VARESE (ITALY)

2015 - 2017

PSA&CF is a small company that organizes scientific events and workshops for medics and other medical professions; many of these events had more than 100 participants.

#### MY ROLES:

PR with the participants of the events, with the venues, hotels, caterings.

Organize and advertise events via email, telephone, and the company website.

Create and update the company website, design the graphic of the events or outsource it.

Organize and lead the staff on the premises, technical set-up of the event venues.

### FREELANCER FULL-STACK DEVELOPER

From 2014

I worked alone and in small teams to build various websites for some customers. I used mainly CMS such as Wordpress and Joomla as the base of the websites, then I manually added functions based on their requests. Since I worked alone, I was in charge of all the aspects of a website, ranging from SEO and optimization to safely handling user data.

## EDUCATION

### AALTO UNIVERSITY & UNIVERSITY OF TRENTO

September 2018 - September 2020 | EIT Digital Double Degree Program

MSc. in Human-Computer Interaction Design (Department of Computer Science).  
Minor in Innovation & Entrepreneurship

### POLITECNICO OF MILAN

September 2013 - July 2018

BSc. in Engineering of Computing Systems.