Francesco Paderi

Product Designer (UX/UI)

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Pisa, Italy · On-site, hybrid or remote · Open to relocation

SUMMARY

Product designer with a BSc in Computer Science (Pisa, 2025) and three experiences across HCI research and industry. I designed Zero, an AI agent for an industrial dashboard, from stakeholder interviews to a tested prototype, then formalised in a workshop paper at IUI 2026. I prototype with AI-assisted code. Looking for an internship or a junior product design role, ideally on AI products.

EXPERIENCE

University of Pisa

Research Fellow, Human–Computer Interaction — Oct 2025 – Mar 2026

- Formalised a framework for reliable AI agents in dashboards: **paper at TRUST-CUA @ IUI 2026**.
- Rebuilt the HCI course handouts from student notes and slides, **used by 30+ students each semester**.

Zerynth · Industrial IoT company, Pisa

Process & Tool Designer, Fixed-term project, 1 month — Aug 2025

- Rebuilt device setup around one validated file: **from 20 to 3 min per device**, mostly waiting.
- Newcomers now **match experienced operators**; the tool became the base of the final workflow.

Research & Product Design, Bachelor's thesis — Mar – Jul 2025

- The agent answers with interface components, not free text, so **it always leads to real, existing data**.
- Designed Zero, an AI agent that links questions to data: **search from 50 to 10 s** (pilot test, 3 people).
- Presented to the CTO, designer and PM; **agent-explained notifications shipped in the product**.

PROJECTS

WhatsApp Desktop mod, In progress — 2026

Intercepts WhatsApp Desktop's UI components at runtime, to prototype interface changes on the live app.

Pratilogin, Used until the 2026 fix — 2024 – 2026

A network bug cut off **800+ university students**, so I traced the login and built a tool to reconnect.

Transcrify, Personal use — 2025

Voice-to-text overlay where an LLM fixes what dictation got wrong: words, punctuation, rambling.

EDUCATION

BSc in Computer Science, University of Pisa — Sep 2021 – Jul 2025

Thesis: Mixed-Initiative Interaction in Industrial Dashboards: A Conversational Assistant Supporting Expert and Non-Expert Use.

Publication, TRUST-CUA @ IUI 2026 — 2026

Zero: Towards Reliable Agentic UX for Industrial Dashboards, with R. Figliè, D. Mazzei, T. Turchi.

SKILLS

Design: Product design, UX/UI design, interaction design, conversational UX, human–AI interaction, wireframing, prototyping

Research: Usability testing, stakeholder interviews, process mapping, academic writing

AI: AI agent design, LLM integration, AI-assisted prototyping, designing for AI reliability and errors

Prototyping: HTML, CSS, JavaScript, Python, with AI (Claude Code)

Tools: Figma, GitHub

Languages: Italian (native) · English (C1 listening and reading, B2 writing)