

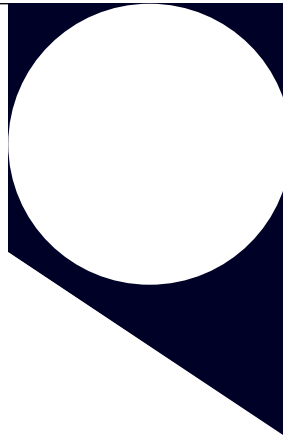
# RACHELE SIPIONE

Product Designer | AI Systems

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AI-native Product Designer with 9 years of experience across architecture, research, and software, specializing in systems-driven product design, LLM workflows, and data-to-interface pipelines. At Diald.ai (+3 years), I led the design and product definition of a 0→1 AI platform transforming fragmented real estate data into structured, decision-ready outputs. My work spans UX/UI, system logic, prompt design, and implementation strategy—bridging product, engineering, and AI behavior.

I operate at the intersection of product, engineering, and AI, defining how features work, structuring their underlying logic, and aligning cross-functional teams to move ideas from concept to production.

My background in architecture trained me to think systemically, navigate ambiguity, and translate complexity into form. I'm especially drawn to products that require judgment, speed, and original thinking. I translate complex model logic, data, and analytical outputs into coherent product experiences, bringing a sharp eye for design, communication, and user clarity shaped by 15 years across architecture and tech product design.

I love to find solutions for challenges and I challenge those solutions.

## TOOLS & STACK

### Design & Product

Figma | Adobe Creative Cloud | Maze | Notion | Slack | Miro | Google Workspace | Fuser

### AI & Development

ChatGPT | Claude | Gemini | Cursor | PyCharm | GitHub | HTML | CSS | Python | Java | Wix Studio | Lovable

### Infrastructure & Data

n8n | Google Cloud Run | MongoDB | JSON | YAML | CSV | PlantUML | Mermaid

### Spatial Visualization Tools

Rhino | SketchUp | Grasshopper | Enscape | Twinmotion | ZBrush | Maya | Revit/CAD | Unity

## LANGUAGES

Italian - Native

English - C2

Portuguese (Brazil) - C1

French - B1

## CORE SKILLS

Product Strategy | UX/UI Design | Systems Thinking | Feature Definition | Information Architecture | Interaction Design | User Experience | LLM Systems & Prompt Design | Workflow Architecture | AI-assisted Development | Decision-Support Tools | Prototyping | Data Pipelines (Data → Structured Output → Delivery) | Cross-functional Leadership | Prompt → Logic → Interface → Output Systems | Guided User Flows | Alignment & Facilitation | Service & Learning UX Design | Visual Design | Spatial Experience Design | Usability Testing

## EXPERIENCE

### PRODUCT DESIGN

#### Diald.ai — Product Designer

Los Angeles, CA | 2023 - 2026

- Led end-to-end product design across UX/UI, system logic, and AI workflows
- Defined data → processing → LLM → output pipelines (~90% alignment between inputs and system)
- Aligned frontend inputs/outputs with backend workflows, improving system coherence by ~85%
- Designed core product surfaces: UX/UI, input flows, dashboard, report generation, and automated delivery
- Built structured output frameworks (data + layout + PDF), ensuring 100% consistency across deliverables
- Translated system behavior into clear product specifications, enabling efficient frontend and backend implementation and coordinated closely with a cross-functional team to ship production-ready features
- Designed and launched a property monitoring dashboard, driving ~90% user return and recurring engagement
- Established validation layers and logic constraints to ensure reliability and data integrity in AI-generated outputs

### DESIGN SYSTEMS / CROSS-FUNCTIONAL EXPERIENCE

#### SCAAA — Senior Design Coordinator

Los Angeles, CA | 2020-2023

- Led coordination across design, consultants, and stakeholders for large-scale projects
- Translated conceptual design into structured execution systems and documentation workflows
- Managed cross-functional alignment and client-facing communication frameworks

EARLIER EXPERIENCE (selected)

#### M Design Studio — Project Designer

Los Angeles, CA | 2020

#### Patterns — Project Designer

Los Angeles, CA | 2019-2020

#### Siffra Pharmintek — Design Lead

Rosolini, Italy | 2017-2018

- Developed design systems, 3D models, and documentation pipelines
- Coordinated implementation across design and construction phases
- Delivered client-facing projects from concept through execution

ACADEMIC EXPERIENCE

#### SCI-Arc\_Elective Seminar — Assistant Teacher

Los Angeles, CA | 2020 - Glass Mass, M. Spina

#### SCI-Arc\_Vertical Studio — Teacher Assistant

Los Angeles, CA | 2019 - Fuzzy Aggregate, M. Spina

## EDUCATION

#### SCI-Arc EDGE — Architectural Technologies

Los Angeles, CA | 2018-2019 | Master of Science

#### ASP (PoliTo/PoliMi) — Multidisciplinary Sciences

Torino / Milano, IT | 2014-2016 | Double Master Degree

#### PoliTo/UnB — Architecture and Urbanism

Torino, IT / Brasilia, BR | 2013-2015 | Double MArch

#### PoliTo — Architecture, Construction, City

Torino, IT | 2013-2016 | MArch

## SELECTED ADVANCED PROGRAMS

AI Prototyping Camp, DesignLab - Los Angeles, CA 2026

Robotic Fabrication, Zaha Hadid Computational

Design\_ZHCODE - London, UK, 2020 | Nike Design

Seminar, Nike+SCI-Arc - Los Angeles, CA/Portland, OR,

2018 | Introduction to Digital Design, SCI-Arc Summer

School - Los Angeles, CA, 2018 | Archiprix 2017: World's

Best Graduation Projects, CEPT University -

Ahmedabad, India, 2017 | Photorealistic Rendering, 3D

Graphic Academy - Torino, IT, 2016 | Visioning

Architecture, AA Architectural Association - London, UK,

2013

## SELECTED AWARDS & DISTINCTIONS

Commercial Observer, Breakthrough Awards, winner -

Diald.ai - 2025 | Architizer A+ Awards, finalist - Victory

Wellness Center (Patterns) - 2024 | Archiprix 2017,

selected as one of 2015/2017 world's best graduation

projects - May 2017 | Young Talents Architecture

Award (YTAA), nominated - Sep 2016 | PoliTo Honor

Thesis, distinction - May 2016 | Caligara Foundation

Private Scholarship, winner - Oct 2015 | Alta Scuola

Politecnica Graduate Scholarship, winner - Sep 2013

## SELECTED EXHIBITIONS

Towards a New Difficult Whole, Time, Space, Existence

2021 (Venice 2021 Architectural Biennial) - Venice, IT, May

22/Nov 21, 2021 | Speculations at the Edge, A+D Museum

- Los Angeles, CA, Aug 29/Sep 15, 2019

## SELECTED PUBLICATIONS

Towards a New Difficult Whole (Research Overview),

Time, Space, Existence 2021 - Catalogue (Venice 2021

Architectural Biennial) - co-authored, Oct 2021 |

JuntARQ: Aiming to Find a New Way of Living Brazilian

Rural Settlements (Research Overview), Archiprix 2017

Journal - co-authored, Feb 2017 | Analise Crítica dos

Assentamentos Rurais: o Caso do Pequeno William, em

Planaltina, DF (Critical Essay), Revista Paranoia (FAU/UnB)

- co-authored, Jun 2016 | Towards Nearly-Zero Energy

Buildings: HVAC System Performance in the Expected

Operative Scenarios of Turin Energy Center (Scientific

Paper), Riga Technical University (RTU) - co-authored,

May 2015