

Riccardo Gatti

when design meets engineering

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PROFESSIONAL EXPERIENCE

CRDESIGNSTUDIO — Product Design, Engineering

2015 - TODAY

Founder and owner.

Services offered: Product Design, Engineering and 3DPrinting.

Main Sectors: Electronic goods; Small, medium and large appliances;
Furniture; Jewellery.

FREELANCE — Product Design, Engineering

2004 - 2015

Designer, 3D modeler, Engineer.

Main Sectors: Electronic goods, Small, medium and large appliances;
Furniture.

Junior Designer — Product Design, Engineering

1998 - 2004

He collaborated with a number of design studios as product designer, 3D modeler and engineer. Main clients: arch. Marco Ferreri, Deep Design, arch. Luca Trazzi, Progetto CMR, Trabucco&Associati

PARTICIPATION IN RESEARCH PROJECTS

Mobile- Stekio, Extreme efficiency digital gas cooktop for campers, caravans and yachts — Served as Product Design & Engineer

2017 - 2018

Research co- financed by the EU - Executive Agency for SMEs under the call COS- 2015- DESIGN- 2, DESIGN- BASED CONSUMER GOODS

Corporate Partner: 3P Engineering, coordinator

Research Organization: Politecnico di Milano, Dipartimento di Design and Dipartimento di Ingegneria Gestionale.

The project is having some patents results.

Greenrail, innovative and sustainable railway sleepers: the greener solution for railway sector — Served as 3D modeler for technical representation

2017 - 2018

Research co- financed by the European Union under the Horizon 2020 dedicated SME Instrument, Phase 2.

Corporate Partners: Green Rail s.r.l., coordinator; Idea Plast s.r.l.; Esmo s.r.l.

Research Organizations: Fondazione Politecnico; Dipartimento di

SKILLS

3D Modelling and rendering:

Rhinoceros	*****
PT C Creo	*****
Solidworks	***
3DMax	**
Vray	*****
Keyshot	*****
3DCoat	**

Hand Drawing:

Sketches	***
Details	*****
Sections	*****

Graphics and 2D: * **** Suite Adobe (Psp, AI, ID) , Affinity Designer e Photo, SketchBook, InkScape, Gimp.

Print3D sw: *****

Simplify3D, Cura, PreForm, MeshMixer

Office tools: *****

Microsoft, LibreOffice e Google.

Strong knowledge in product' s technical aspects and manufacturing processes

CERTIFICATION

ART - Authorized Rhinoceros Trainer level 2

2005 - TODAY

VTC - Vray Trainer certification

2014 - TODAY

CREO - Certified instructor

2013 - TODAY

WACOM Ambassador

Meccanica, Dipartimento di Energia, Dipartimento di Chimica, Dipartimento di Ingegneria Ambientale and Dipartimento di Design of Politecnico di Milano; CNR Pisa; Sustainable Development Foundation; Politecnico di Torino.

2016 - TODAY

Autocad 2D and 3D user
1993

DesigNET : la nuova frontiera del contract design Made in Italy — Served as Product Designer

2013 - 2014

Research co- financed by Ministero dello Sviluppo Economico as part of the call " Industria 2015: Nuove tecnologie per il Made in Italy" .

Corporate partners: Large enterprise: Iguzzini - coordinator; Teuco; Berloni; IndelB; Iterby; Indesit; IDEA .

Small and medium enterprise: Mercantini; Gibam; Studio Mod' A; Fabrica Machinale; YetMatilde; FIAM; FBT ; Berloni Bagno; Team Italia; Simeg Marmi.

Fastweb project — Served as Product Designer Product Designer

2014

Research project for designing innovative router for fiber optics connection. In collaboration with Polidesign a company of Politecnico di Milano.

2 Project were bought from the company

Defining new reference and development scenarios for innovative, built- in products for food preservation — Served as Product Designer

2007

Research project for designing innovative built- in oven. In collaboration with Whirlpool and Design Department of Politecnico di Milano

Defining new reference and development scenarios for new food- preparation products— Served as Product Designer

2004-2006

Research project for designing innovative built- in oven. In collaboration with Whirlpool and Design Department of Politecnico di Milano

Defining new reference scenarios and new ways to conceive of food preservation— Served as Product Designer

2001 - 2002

Research project for designing innovative refrigerators. In collaboration with Whirlpool and Design Department of Politecnico di Milano

The project generated 2 national patents.

PATENTS

Under request— 3P Engineering

2018

Patent for an innovative gas burner under request. With Federico Elli.

EDUCATION

NAT AN, leggere e scrivere nel nuovo millennio — Master Degree

1994 - 1999

Disegno Industriale, Facoltà di Architettura, Politecnico di Milano

Awarded project

IBM Workshop with design faculty of Politecnico di Milano.

Diploma of Surveyor

1989 - 1994

Diploma di Geometra presso l' I.T .G. A. T ramello di Piacenza

LANGUAGES

Italian: Mother Tongue

English: B2

0001339470 — Whirlpool Europe

22 maggio 2007

“ Dispositivo portatile per refrigerare alimenti, particolarmente per alimenti contenuti in un contenitore almeno in parte flessibile” . With Matteo Ingaramo.

0001339459 — Whirlpool Europe

22 maggio 2007

“Dispositivo di conservazione di alimenti a parete in particolare per frutta” . With Matteo Ingaramo and Lorenzo Gecchelin.

PARTICIPATION TO CONFERENCES

TECHNOLOGY HUB — Scientific Committee and Lecturer

M ilano - 2 016 - 2017 - 2018

International Fair on new technologies and 3D Printing.

Member of the Scientific committee and lecturer for the topic “ Design for Additive Manufacturing” .

UDINE3D Forum — Lecturer

Udine - 2 013 - 2014 - 2015 - 2016 - 2017 - 2018

National Congress on graphics, 3D modelling and virtual reality.

Lecturer for the topic “ Architecture and Product Design” .

MECSPE — Lecturer

Parma - 2 016 - 2017 - 2018

International Fair on manufacturing technologies, tooling, CNC machining and 3D Printing.

Lecturer for the topic “ Design for Additive Manufacturing” .

BOOKS (AS AUTHOR)

Design with Rhinoceros

2012

Edizioni FAG Milano

ASIN: B007JYFG2W

Rhinoceros per l' Architettura

2011

Edizioni FAG Milano

ISBN: 978-88-8233-754-4

Progettare con Rhinoceros

2007

Edizioni FAG Milano

ISBN: 978-88-8233-611-0