

Riccardo Gatti

when design meets engineering

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 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.

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

LANGUAGES

Italian: Mother Tongue
English: certified B2 (2019)

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; Fabbrica 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.

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 Geccelin.

PARTICIPATION TO CONFERENCES

TECHNOLOGY HUB— Scientific Committee and Lecturer

Milano - 2016 - 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 - from 2013 till today

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

Lecturer for the topic " Architecture and Product Design" .

MECSPE— Lecturer

Parma - 2016 - 2017 - 2018

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

Lecturer for the topic " Design for Additive Manufacturing" .

TEACHING

SCUOLA del DESIGN, POLITECNICO DI MILANO — Lecturer

Milano - from 2011 till today

"ProductDesignStudio 2" course, first year of the M.Sc. in " Design & Engineering"

SCUOLA del DESIGN, POLITECNICO DI MILANO — Lecturer

Milano - from 2014 till today

"Parametric modeling" course, first and second years of the M.Sc. in " Design & Engineering"

SCUOLA del DESIGN, POLITECNICO DI MILANO — Thesis supervisor

Milano - from 2011 till today

M.Sc. in " Design & Engineering"

NABA, Nuova accademia di belle arti — Lecturer

Milano - from 2014 till today

"Rendering 3D" course for the M. Sc. Design - indirizzo product (post. English) and the M. Sc.Design - indirizzo interior (post. English)

SPD, Scuola Politenica di Desing — Lecturer

Milano - from 2014 till today

"3D modeling", M.Sc. "Master Industrial Design"

POLI.DESIGN — Lecturer

Milano - from 2005 till today

"Parametric modeling" and "design process and methods", M.Sc. in "Industrial Design Engineering and Innovation"

IED, Istituto Europeo Design — Lecturer

Milano - 2020

"Progettazione esecutiva", second year of the B.Sc. Product Design

COURSE LEADER AND COORDINATION

SCUOLA del DESIGN, POLITECNICO DI MILANO — Course coordinator

Milano - from 2014 till today

"ProductDesignStudio 2" course, first year of the M.Sc. in " Design & Engineering"

POLI.DESIGN — Course coordinator

Milano - from 2005 till today

3D modeling with Rhinoceros and rendering with VrayforRhino

CORSIRHINO — Course Leader

Milano - from 2005 till today

3D modeling with Rhinoceros and rendering with VrayforRhino

EDUCATION

NATAN, leggere e scrivere nel nuovo millennio — M.Sc. 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 I.T .G. A. Tramello di Piacenza

CERTIFICATION

ART - Authorized Rhinoceros Trainer level 2

2005 - TODAY

VTC - Vray Trainer certification

2014 - TODAY

CREO - Certified instructor

2013 - TODAY

WACOM Ambassador

2016 - TODAY

Autocad 2D and 3D user

1993

BOOKS (AS AUTHOR)

Design with Rhinoceros

2012

Edizioni FAGMilano

ASIN: B007JYFG2W

Rhinoceros per l' Architettura

2011

Edizioni FAGMilano

ISBN: 978-88-8233-754-4

Progettare con Rhinoceros

2007

Edizioni FAGMilano

ISBN: 978-88-8233-611-0