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RUBEN CARBONI

ing.carboni@estplatform

+39 333 7341786



60121, Pzza del Plebiscito, 21

Ancona (AN), Italy

www.estplatform.com

work experience

- × **Present** Project Manager at EST platform, Ancona, Italy. www.estplatform.com
// Project management and all phases of the design and construction on a wide-ranging scale.
- × **2013-2020** Design Engineer at Nerd S.R.L., Osimo (AN), Italy. www.nodexperience.com
// I've handled all phases of the design process (from concept design to prototyping stages). I've led a team specialized in the study of sustainable composite materials and solutions for naval applications.
- × **September 2017 - June 2018** Tutoring and teaching, Poliarte Design School, Ancona, Italy. // Graduate Programme title "Interior design and Digital Manufacturing".
- × **October 2015 - March 2016** Tutoring and teaching, Università Politecnica delle Marche, Faculty of Engineering, Ancona, Italy.
// Course title "Architectural Composition III".

consultancy work

- × **2014-2016** Technical Manager at Jcube Eridania Italia S.P.A., Jesi (AN), Italy.
// I've worked as an Instructor and responsible for the lab operation inside the Fab Space Lab. Instructor of CNC 3 axis router machine, 3d printing FDM, stereolithography, 3d scanning.
- × **2013-2014** Technical Advisor at Future Consulting, Macerata (MC), Italy.
// I've held a cycle of lectures on digital manufacturing and additive manufacturing, performed in the context of training for workers on layoffs. I was in charge to supervise 3d modelling training courses.

internship

- × **2011-2012** Project Assistant at WORKac, Work Architecture Company, New York, New York, USA.
www.workac.com
// Participation on several projects producing drawing and layouts, creating 3d modelling, renderings and technical details.
- × **2009-2010** Trainee at Brunetti e Filippini Associati, Ancona, Italy.
www.studiobrunettifilippini.it
// Concept design and technical drawings on small-ranging scale projects.

education

- × **January 2012** M.ARCH (Master of Architecture), specialized in the sustainable design of urban building, city scapes and public spaces, POLIMI, Politecnico di Milano, Italy.
// Thesis title "A new shape for industrial production. Innovative paths through Acquaponic Architecture", tutors: Arch. Fulvio Wirz (Zaha Hadid Architects), Ing. Wolf Mangelsdorf (Buro Happold), Prof. Stefano Bocchi (PoliMi), Prof. Giuliano Dall'O (PoliMi).
- × **July 2009** Degree in Building Engineering - Architecture, Università Politecnica delle Marche, Ancona, Italy.
// Thesis title "Design solutions for modular canopy: forms, materials and technologies" prof. Arch. Fausto Pugnaroni, Arch. Francesco Leoni
- × **July 2002** Certificate of classical maturity, Liceo Ginnasio C. Rinaldini, Ancona, Italy.

academic lectures

- × **March 2020** Master BioCirce (European Master in Bioeconomy in the Circular Economy), University of Naples Federico II, Naples, Italy. // Lecture title "A green perspective for composite materials".
- × **September 2019** Course in Economic Sociology, Università Politecnica delle Marche, Faculty of Economics, Ancona, Italy. // Lecture title "What does it mean to work as a startup?".
- × **June 2017** Course in Architectural Composition III Università Politecnica delle Marche, Faculty of Engineering, Ancona, Italy.
// Lecture title "Parametric Design in Architecture".

workshops

- × **December 2020** Autodesk Inventor CAM, Milano, Italy. 4mgroupp (Authorized Autodesk Training Center). // Tutor: Edoardo Pruneri.
- × **September 2020-November 2020** Autodesk Inventor, Milano, Italy. 4mgroupp (Authorized Autodesk Training Center).
// Tutor: Edoardo Pruneri.
- × **November 2019-March 2020** Master Planning BIM with Revit - (200 hours), Rome, Italy.
// A-sapiens (Authorized Autodesk Training Center).
- × **February 2015** "Ecologic Pattern" Milan, Italy. // Tutor: Arturo Tedeschi (Authorized Rhino Trainer), Maurizio Arturo Degni.
- × **June 2012-July 2013** AA Visiting School "Design Research Laboratory" and "Factory Futures Programme" with Gerhy Technologies and Olivetti Foundation; London, UK
// Tutors: Josè Sanchez, Yota Adilenidou, Tommaso Franzolini.

award and exhibitions

- × **2019** RoPlastic Prize by Rossana Orlandi Honourable Mention in category "Design Product Innovation". // Project for a "Sustainable Materials for marine division".
- × **2018** Pitch Competition by Confindustria Young Entrepreneurs
3rd place // Pitch project title "A new green wave"
- × **2017** ADI - Compasso d'oro Award Honourable Mention for "3CSup", in category "Sport and Performance". // Design of an innovative construction technology that allows to build eco-friendly and recyclable surf, windsurf, Stand up Paddleboards.
- × **2019** London Design Week // Exposition of "3CSup Tech" during the London Design Week 2018, London, UK.
- × **2017** Milan Design Week, Furorisalone // Exposition of "Yokai Collection, 100% Nature Lovers", Tortona District, Milan, Italy.

certifications

- × **December 2020** Certified User of Inventor CAM, // 4mg (Authorized Autodesk Training Center).
- × **November 2020** Certified User of Inventor // 4mg (Authorized Autodesk Training Center).
- × **September 2018** Building Safety Manager and Coordinator (CSE), according to Legislative Decree no. 81/2008.
- × **February 2012** Certified Instructor of Maya, POLIMI, Politecnico di Milano, Italy.
- × **Since January 2011** Member in good standing of the order Engineer, Civil and Environmental Engineering, n.A3654, Ancona, Italy.

software skills

- × **Parametric Design**
Advanced Level
// McNeel (Rhino 7+ Grasshopper), Autodesk (Inventor 2021)
- × **BIM & 3d Modeling**
Advanced Level
// McNeel (Rhino 7+ Grasshopper), Autodesk (Revit)
- × **Digital Manufacturing**
Advanced Level
// Autodesk (Inventor CAM), Cura, Artek, RDvector (3D print, laser scanner, laser engraving).
- × **Graphics, Editing, Video**
Advanced Mid Level
// Adobe Creative Cloud Suite (Indesign, Illustrator, Photoshop, After effects)

add-on

Italian mother tongue, english fluent, french basic.
Sailing and motor yacht licence, water sport addicted and Green activist.