

Curriculum Vitae

Quadrini Paolo

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SKILLS PROFILE

A results driven, motivated architect with a comprehensive approach and knowledge on the main 3D design & engineering software for architecture manufacturing. Using this software for over eight years in the field of architectural design, I gained strong skills in planning, detailing, designing and coordinating of projects; both in public and private sectors. I possess strong architectural designing skills as well as ability to produce relevant reports, rigorously ensuring that all design requirements are met. Also, I am able to handle well the conflicts that arise and make decisions. Proven ability to provide key architectural data, support assistance in key business decisions.

Excellent communication skill and ability to build strong relationships both within and outside a department as well as to effectively transfer key information to the client.

My three greatest strengths: firstly, my ability to optimize the resources maintaining high level of accuracy; secondly my quick learning ability in every situation. Finally, my passion in every new challenge that naturally incite me into expressing openly my ideas, and resolve/negotiate potential disagreements in order to achieve results.

Currently looking for a suitable position that offers variety and opportunity for personal and professional progress.

EMPLOYMENT

Freelance BIM Technical Consultant..... 04/2015–Present

Autodesk

- BIM and MEP technical assistant for Metro stations in Doha, Red Line North Underground.
- Modelling Electrical, Mechanical and Plumbing Systems for metro stations, tunnels, tunnel cross passages and emergency exits.
- Creating automatic procedures for modelling MEP disciplines, optimizing time and resources.
- Developing workflows with BIM and GIS
- Visual programming for data management
- Revit/Dynamo workflow for “Places that can be booked for COVID 19 emergency”
- Developing code for automating import and update of IFC
- Developing code for automating creation of ceilings for construction

Professor..... 02/2015–Present

Politecnico di Milano, Volcano High, GoPillar Academy, NKE, Man&Machine

- Revit
- Dynamo
- Python

Senior Architect..... 09/2014–03/2015

OASI Home Design S.R.L. - Rome (Italy) - <http://www.oasihomedesign.it/it/>

- BIM Technical director and Team Leader.
- Working closely with customers, suppliers and other professionals like surveyors and civil engineers.
- Problem solving in building site.

Architect..... 02/2010–08/2014

RHL Architettura S.R.L. - Rome (Italy) - <http://www.rhl.it/>

- Parametric Architectural Planning for big residential buildings, hotels and churches.
- Producing drawings and specifications for construction teams.
- Writing design and technical reports.
- Working closely with suppliers and other professionals like civil engineers.
- Providing architectural, design and strategic support to the business.

Architect..... 09/2008–01/2010

Pagano System - Rome (Italy) - <http://www.pagano.it/>

- Parametric Architectural Planning for luxury villas in Russia.

EDUCATION

Workshop..... 2010

ADAD (Advanced Digital Architectural Design) - Detmold (Germany) - <http://www.hs-owl.de/adad/>

Designing architecture of the future in anticipation of new mobility technologies. Italian team: Roma Tre University.

Erasmus 2006–2007

Ecole d'architecture de la ville et des territoires - Paris (France) - <http://www.mamelavallee.archi.fr/>

Volunteering..... 2005

Workcamp - Bucharest (Romania)

Design and realization of a hospital play facilities and a little park for a Church, with other volunteers.

Bachelor in Architecture 2003–2009

Roma Tre University - Rome (Italy)

Experimental thesis: "A Lighthouse in Malta, for a new resource conception"

Design of a lighthouse as a part of Operational Program Italy-Malta 2007-2013 that has as General Goal: "To strengthen the attractiveness and competitiveness of the border through innovation, research and sustainable development." The lighthouse is designed and optimized using advanced software (BIM, fluid dynamics and solar radiation). Clean energy is produced using three natural resources: 4.8GW/h per year, of which 2.8 wind power, 0.9 solar and 1.1 hydrodynamics.

PERSONAL SKILLS

- Excellent team working skill gained by a multi-year collaboration with several professional figures.
- Excellent negotiating abilities gained by working as freelance design architect.
- Great ability to think and create in three dimensions.
- Able to work as part of a team or individually, even under pressure.
- Flexible and willing to travel.
- Able to communicate effectively both verbally and in writing.
- Able to resolve problems and issues that arise during construction.
- Excellent skills to develop an architectural project.
- Specialized in using advanced software for parametric design and BIM processes, managing project geolocalization, 3D geometry, material properties and technical elements, construction phases and construction costs etc.

IT SKILLS

- **Technical SW:** Revit, Autodesk Construction Cloud, Navisworks, Dynamo, AutoCad, V-ray, Rhinoceros, Grasshopper.
- **Programming:** Python, C#, Html5, Javascript, CSS3, PHP.

Mother tongue	ITALIAN				
Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	B1	B1	B1	B1	B1
FRENCH	C1	C1	C1	C1	C1

Levels: A1/A2: Basic User - B1/B2: Independent User - C1/C2: Proficient User
[Common European Framework of Reference for Languages](#)