



Name, Surname	Emanuele VANNI Civil - Building Engineer specialised in built environment
Address	83 Passage Street, Cleveland, 4163, QLD, Australia
Mobile	04 1123 8014
E-mail	ema.vanni@gmail.com
Website	emanuelevanni.weebly.com
Nationality	Italian
Age	26
Engineers Australia	forthcoming recognition of the overseas qualifications (MIEAust) (member contact ID 4457710)
White Card	WH&S Competency Card CPCCOHS1001A (Work Safely in the Construction Industry)
Drivers Licence	"C" Class Driver's Licence - International Drivers Licence

I am passionate about buildings, structures and materials. I always reflect about energy efficient, cost-reducing solutions to maximise the potential of each project. I am proficient with advanced design technologies, such as the latest CAD, BIM and rendering software, as well as structural and energetical analysis. I am also enthusiastic about fieldwork and construction sites.

Academic qualifications

July 2013	Civil and Environmental Engineer State qualification (HD) succeeding the Italian Professional Practice Exam according to Italian D.P.R. 328/01
July 2012	Safety in Environmental Engineering and Construction sites qualification (HD cum laude) according to Italian D.Lgs 81/08
Dec 2012	BEng in Building Engineering and Architecture (HD)
Institute	Facoltà di Ingegneria - Università degli Studi di Genova
Title	Bachelor of Engineering, 5 years full-time duration

Professional experience

April - July 2013

Position	Assistant Project Engineer, CAD & BIM designer
Company	BONANZINGA&Associati Genoa, Italy
Responsibilities	<ul style="list-style-type: none">- Develop detailed designs to satisfy technical specifications- Develop design proposals- Prepare preliminary design studies for environment-friendly technologies- Conduct technical analyses of survey for development of topographic information

June - September 2012

Position	Assistant Safety Coordinator and Site Engineer, Assistant Project Engineer - Intern
Company	BOLLERO COSTRUZIONI s.r.l. Genoa, Italy
Responsibilities	<ul style="list-style-type: none">- Develop designs to satisfy technical specifications- Check design calculations of other engineers within the team- Assist to the site engineer to ensure that the project development complies with requirements and specifications- Ensure the respect of health and safety measures on site

January - May 2012

Position	Assistant Safety Coordinator and Site Engineer - Intern
Company	PRINC8 COSTRUZIONI Novi Ligure, Italy
Responsibilities	<ul style="list-style-type: none">- Assist to the site engineer to ensure that the project development complies with requirements and specifications- Ensure the respect of working site health and safety measures under the site construction code- Assist site engineer in assessing construction methodology by contractors

Computer, informatics and CAD skills

CAD, BIM, NURBS	AutoCAD, Revit, Microstation, AllPlan, Rhinoceros + GrassHopper, SketchUp
Energy simulation	Design Builder EnergyPLUS, Autodesk Ecotect, AccaSoftware TerMus
Structure	AccaSoftware Edilus, SAP2000
Graphics	Adobe Photoshop, Illustrator, InDesign
Rendering	Cinema 4D, Autodesk 3d Studio Max
Office Suite	Microsoft Project, Word, Excel, PowerPoint, Internet Explorer, Outlook

Second language

ENGLISH

IELTS Score
21 Sept 2013
at Griffith University

Overall 7.5 | Listening 7.5 Reading 8.0 Writing 7.5 Speaking 7.0

Personal skills

Determined, precise and able to work creatively and collaboratively both in team and independently. I enhanced these skills during my work experiences and by participating in international workshops.

Flexible attitude and able to work in multi-disciplinary, various-scale projects.

Prepared to work different schedules.

Knowledgeable in sustainability, green design and energy efficiency, also developed during: *Smart Grids, Smart Cities* (2010), *Edifici ad Energia Quasi Zero* (2012) and *Smart Village* (2012) promoted by Milano MADE expo. I am also developing a profound knowledge of Australian Building Legislation and Codes, and of Smart and Sustainable housing Laws and Development.

I am recently attending conferences and seminars organised by Griffith University, EcoCentre and Engineers Australia.

I am willing to obtain any additional accreditations.

I am available to travel globally, even for extended periods.

Interests/ extra-curricular activities

I am also passionate about photography and graphics.

From September 2009 to June 2011 I worked as a graphic and image-editing technician at *Fotopiù* in Genoa, Italy.

From June 2007 to June 2011 I volunteered my free time in organizing activities for a local non-profit association (ACR Nervi), focused on helping children.

Referees

Dr Graham Chataway
Management Consultant (Ret'd)
Formerly Associate Director Technology Management, University of Queensland
Ph | 07 38213687
E-mail | graham.chataway@gmail.com

Prof. Renata Morbiducci
Ph.D., Structural Engineering
Assistant Professor of Building Technology, Faculty of Engineering, University of Genoa
Mobile | +39 3407072223
E-mail | renata.morbiducci@unige.it

