

Lucia Ricciardi – Structural design engineer

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CAREER OBJECTIVES

Efficient, hardworking with a comprehensive understanding of design processes and construction methods. I am an enthusiastic and highly motivated individual, who has a clear understanding of responsibilities associated with this role, seeking a career that is challenging and interesting. Deadline oriented with capacity to deliver appropriate design as a member of a multi skilled team, with ability to work and communicate across the others areas of expertise.

I am currently looking for a suitable position with a company where I will be working with industry experts, people who have the skills and experience to make a real difference to my future.

KEY SKILLS

Structural Engineer

Eurocodes, British Standards, NHBC

Deliver integrated multidisciplinary design to time and budget

Relationship building with a wide range of clients in private and public sectors

Leadership and communication skills

Able to adapt to new environments

WORK EXPERIENCE

Dec 2015 – April 2017

Intermediate Structural Design Engineer at Bryden Wood Ltd 100 Gray's Inn Road, London WC1X 8AL

Task: Concept Design and Feasibility study

Hand calculations

Structural reports, assessment and technical notes,

RC, Steel Design

Feb 2015 – Nov 2015

Graduate Structural Engineer at Ecos Maclean Ltd 8a Chamberlain Street NW1 8XB London United Kingdom

Task: Analysis and design of unusual, non repetitive structures in a wide range of projects in timber and steel,

Undertake the engineering assessment of existing structures for capacity, effect of defects, degradation and detailing of appropriate repairs,

Preparing calculations and drawings to show compliance of design with Building Regulations and good practice,

Attend site visit with Principal Engineer and assess construction and existing structures,

Oct 2014 – Jan 2015

Assistant Manager at Coral St. Johns Wood High Street, NW8 7NL London United Kingdom

Jan 2012 – May 2014

Civil Engineer at Lucia Ricciardi Eng. Consultancy Ltd, Salerno, Italy

Freelancer, consultant, court advisor

Task: Land Registration,

AutoCad design,

Preparing regulatory approval documentation and contract issues,

Preparing enquiry and order documents,

Attending meetings and competently communicate with client,

Contesting of wills,

Breach of contracts,

Expropriation of property,

Real estate repossession;

May – Oct 2013

Scholarship at Tides Research Institute University of Las Palmas de Gran Canaria, Las Palmas, Spain

Task: Studying and research of the urban development of Gran Canaria island

Analyzing reports, maps, drawings, aerial photographs through survey to plan projects,

Creating plans, monitoring/updating progress,

AutoCad,

Study transport system of Gran Canaria Island;

Jun – Dec 2012

Civil engineer at Socom Spa Prefabricated Scaffolding factory, Salerno, Italy

Task: Preparing drawings, reports,

Preparing estimated costing documents,

Preparing periodical reports on the progress of work,

Supporting tender bids,

Preparing health & safety plans;

Apr 2011 – Jun 2012

Civil/ Structural Drafts engineer at Saverio Coppola Eng. Consultancy Ltd, Salerno, Italy

Task: Land Registration,

AutoCad design,

House building,
Refurbishment of private residential,
Attending Site Inspections,
Contract issues documentation;

Academic internship under Prof. G. De Mare, Department of Civil Engineer, Real estate and Evaluation,
University of Salerno, Italy

Task: Research activities on evaluation and assessment of properties,
Tutoring undergraduate students;

EDUCATION

Mar 2011 Master Degree in Civil Engineering, University of Salerno, Italy
Final Dissertation: "A Systemic Model to Evaluate, in advance, the Amount of Money to Invest in Building or Construction Activity" (Real Estate Appraisal & Valuation)

Jun 1998 Diploma in Land Survey, R. Di Palo High School, Salerno, Italy

ACHIEVEMENTS/ TRAINING

Jan – March 2017 IStructE Exam Preparation Course Modulus London, United Kingdom

Oct 2016 Graduate Member IStructE (Number 078398676) London, United Kingdom

Jan - Mar 2012 Fire Prevention training course with Italian Engineering Council , Salerno, Italy

Oct - Nov 2011 Training course: Autodesk Autocad 2D with Drawing Cad Studio, Salerno, Italy

Sep 2011 Charter Civil Engineer with Salerno Engineering Council (N. 6170)

Sep 2011 Training course in computer skills: European Computer Driving Licence

Apr - Jun 2011 Health & safety training course for managerial & operatives on sites Italian Engineering Council, Salerno, Italy

COMPUTER SKILLS

GSA Oasys, Tedds, Autodesk Robot Structural Analysis, Autocad 2D
Microsof Office Packages, Excel, Powerpoint, Access
MasterSAP, Dolmen

LANGUAGES ABILITY

ITALIAN: Mother tongue;

ENGLISH: Reading: Fluent
Writing: Fluent
Speaking: Fluent;

SPANISH: Reading: Fluent
Writing: Fluent
Speaking: Fluent;

PERSONAL INFORMATION

Driving License Full clean

Hobbies Reading, Traveling, Sports, Gardening

PROJECTS:

Concept Design of an Industrial pharmaceutical facility:

Material: Steel

Story: 5

Project Brief: Partially Modular Construction to be delivered on site complete of all the mechanical and electrical equipment.

Design Loads, FM Global Standards Reviews, Beams and Columns scheme design, Stability, Existing Foundations Reuse Testings and External Engineer Cat III Checking Brief Specifications, New Foundations Option, Technical Notes, Cocept report.

Residential Plots (Stage 4):

Material: RC

Story: 5/6

Project Brief: New Residential Development (Stratford).

Design Loads, Load Take down, Standardization and Design of columns across the plot, Downstand beams or wall option, Hand Calculations, Slab design, Technical Notes.

Structural Assessment of an existing roof steel truss:

Material: Steel

Story: 1

Project Brief: Assessment of an existing roof truss for increase of loads due to the installation of acoustic panels.

Analysis of the truss, Hand Calculations, Techincal Report.

Desing of New Acoustic Fence for a School:

Material: RC(Pad Foundations)

Project Brief: Design of a new acoustic fence (perspex and polycarbonate options).

Calculations, Techincal Report, Details.

Residential Loft Coverision (Victorian Houses):

Material: Timber

Story: 1

Project Brief: Loft conversion.

Drawings, Design of timber frame, dormer cheek, rafters, floor joists.

Residential Rear Extension (Victorian Houses):

Material: Timber

Story: 1/2

Project Brief: Rear extension.

Drawings, Design of steel beams, timber posts, strip and pad foundation.

Demolition and Redesign in RC of a multi-storey masonry building:

Material: RC

Story: 5

Project Brief: Proposed demolition and preliminary RC design of an existing masonry building.

Site inspection, survey of existing masonry building, Communicating with government agencies and local authorities, Preliminary project,

Drawings and Technical report, Material and Costs estimates.

Residential refurbishment

Material: RC

Story: 1

Project Brief: Assessment for modifications and alterations.

Inspection and exsiting survey, Drawings, Communicating with government agencies and local authorities, Technical report.

Study of urban development of the the villages: Saint Lucia de Arinaga and Vecindario of Las Palmas de Gran Canaria

Analysis of historical maps, Analysis of satellite images available in Google Earth, Matching of results

REFERENCES

Available upon request