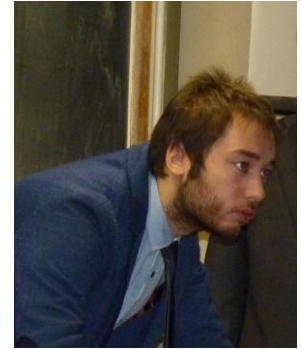


Curriculum Vitae

Matteo Urbani

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💬 Skype: urbanimatteo
📅 Date of Birth: 12 June 1987 | Nationality: Italian
✓ Full availability to national and international relocation



Sector

- **Energy Engineering, Mechanical Engineering**

Work Experience

September 2016 - Present

Corradi srl, Bologna

- Corradi is a leading company in the field of outdoor structures and spaces. Technical office engineer, involved in the management of technical quotes, project design, customer assistance, and configuration system management.

January 2016 – July 2016

Tecopress s.a.s., Ferrara

- Apprenticeship period as a Production Engineer. Tecopress is a diecasting facility working in the automotive sector. I analyzed production cycles and maintenance operations using a TPM method (Kaizen). Optimizing maintenance processes and giving them a standardized shape, developing a Lean production system towards a Lean Six Sigma structure was my main activity.

July 2015 – October 2015

LC Progetti srl, Teramo

- Apprenticeship period as Project Energy Engineer operating in the technical office. Research and development on sustainable technologies (mini-eolic, PV Systems, energy certificates) are LC Progetti core tasks. As Energy Engineer I followed the whole structure on different projects from earlier analysis studies to the final technical scheme.

January 2015 – July 2015

Sacim Systems srl, Teramo

- Apprenticeship period as AutoCAD design engineer operating in the technical office, aluminium sector. Main tasks were facades, fixtures and windows modeling for big construction sites (Fiat Group FCA, Maserati, Expo Milan 2015)

April 2014 – Present

Eldar Lab

- Eldar Lab rises from a new engineering concept. Composed by a team of young engineers with the passion for nature and sustainable technology, this startup aim is to create a new tipology of energetically self sufficient camping sites. Nowadays the team is focusing on the modeling of a patent pending "Atomo" hanging tent. Weblink: <http://www.eldarlab.com/>

January 2013 – July 2013

DTU Technical University of Denmark

Department of Energy Conversion and Storage, Roskilde, Risoe Campus (Denmark)

- Internship, Thesis Project: verification and experimental analysis of thermodynamic and electrical output parameters related to different thermoelectric modules for power generation. A testing system and a 3D numerical model developed with Comsol Multiphysics Simulation Software were used along the research period.

Education and Training

- March 2010 – December 2013 **Msc in Energy Engineering** *final grade: 104 over 110*
Università di Bologna Alma Mater Studiorum, School of Engineering, Bologna (Italy)
- Master Thesis Title: "Characterization of Thermoelectric Commercial Modules for Power Generation Using a Module Test System"
 - Master Thesis Weblink: http://amslaurea.unibo.it/6447/1/Matteo_Urbani_te...
 - Master Thesis Student at DTU, Technical University of Denmark, Department of Energy Conversion and Storage
 - Erasmus Exchange Semester, University of Borås, School of Engineering, Borås, Sweden [part of the Msc in Industrial Engineering, taught in English]
- September 2006 – March 2010 **Bsc in Energy Engineering** *final grade: 105 over 110*
Università di Bologna Alma Mater Studiorum, School of Engineering, Bologna (Italy)
- Bachelor Thesis Title: "Bidimensional Numerical Model for a Thermoelectrical Analysis of a Bismuth and Lead Telluride Junction".
 - Project Description: implementing a numerical model using the commercial software Comsol Multiphysics to measure different thermoelectric output parameters under different boundary conditions.
- September 2001 – July 2006 **Diploma di Maturità Scientifica (Secondary School focused on Sciences)**
Liceo Scientifico "A. Einstein", Teramo (Italy)
- Final Grade: 100/100

Personal and Professional Skills

Languages

Mother tongue:

Italian

Other Languages:

English (*)

Understanding		Speaking	Writing
Listening	Reading		
Excellent	Excellent	Excellent	Excellent

(*) English Certificate, Level B2

Computer Skills

-Microsoft Office Suite	Excellent Command
-AutoCAD	Professional Knowledge
-Comsol Multiphysics Simulation Software	Good Knowledge
-SolidEdge	Basic Knowledge
-Fluent	Basic Knowledge
-Matlab	Basic Knowledge
-Photoshop CS5	Basic Knowledge

Communication Skills

-Excellent communication abilities gained through studying periods spent abroad, where multicultural interactions and fast adaptability in a team group were fundamental requirements.

Job-Related Skills

-Excellent understanding of the thermodynamic processes related to energy generation and thermoelectric generation
-Excellent command of different engineering processes (mechanical, chemical, industrial, nuclear, electrical) related to energy generation, energy efficiency, sustainable energy, renewable energy

Interests and Activities

Basketball, Classical Guitar, Classical art and Literature, Running