



Andrea BALESTRINI



02/12/1996 AOSTA (AO) ITALY

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EDUCATION

- 07/21/2015 - up to present * **Bachelor's Degree in Biomedical Engineering**
Politecnico di Torino
average mark 24.9
- 2015 **high school diploma TECNICO INDUSTRIE ELETTRICHE ED ELETTRONICHE**
Final grade 100/100

TRAINING

- 10/21/2015 - 12/16/2015
(duration 12 hours) **Base course GNU/Linux organized by the NetStudent Association at Politecnico di Torino**
NetStudent Association at Politecnico di Torino - Turin - ITALY
Certificates obtained: attendance
- 10/03/2012 - 10/19/2012
(duration 16 hours) **First aid course, based on ILCOR 2010 guideline for non-professional rescuer**
Volunteer rescuers of Châtillon/Saint-Vincent - Châtillon (AO) - ITALY
Certificates obtained: attendance

INTERNATIONAL EXPERIENCE

- 02/24/2014 - 03/07/2014 **"Living English 2013" project**
Ardmore language school - Eastbourne - UNITED KINGDOM

PROFESSIONAL EXPERIENCE

- 11/09/2017 - 06/28/2018 **Professor**
C.F.P. "Ist. Virginia Agnelli" - Turin (TO) - ITALY
Teaching, with two colleagues, at a "Tecnico di Sviluppo Software" pre-evening course.
The course was about basic computing and the use of different programming languages (C, Java, Visual Studio, PHP, SQL, HTML).
External collaboration contract
- 06/30/2014 - 07/28/2014 **Intern**
Saint-Marcel city council - Saint-Marcel (AO) - ITALY
Apprenticeship of 148 hours. Development and creation of a ROV used to inspect and monitoring the local irrigation system pipelines.

Look at <http://www.stmarcel.org/paginarobot.html>

Apprenticeship

07/01/2013 - 07/26/2013

Intern

Sinproval Group - Studio Tecnico - Aosta (AO) - ITALY

Apprenticeship of 148 hours. Land registers' maps and planimetry digitalization with CAD program. Site-inspection of electrical plants in buildings which are opened to the public.

Apprenticeship

06/18/2012 - 07/11/2012

Plant engineer

Peaquin Srl - Impianti elettrici, industriali e civili - Saint-Vincent (AO) - ITALY

Apprenticeship of 160 hours as electrician/plant engineer.

Apprenticeship

LANGUAGE SKILLS

Mother tongue

Italian

Other languages

| | UNDERSTANDING | | SPEAKING | | WRITING |
|-----------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English * | B2 | B2 | B2 | B2 | B2 |
| French | C1 | C1 | B2 | C1 | B2 |

[Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user](#)

[Common European Framework of Reference for Languages](#)

Language certificates

2016 IELTS exam at Politecnico di Torino : 6/9 (B2)

2015 Mark of the school-leaving certificate, obtained in the Aosta Valley region (Italian region that has a degree of political autonomy and bilingual language) : 8.5/10 (C1)

COMPUTER SKILLS

| | |
|---------------------------|---|
| OPERATING SYSTEM | Good knowledge of Windows and GNU/Linux operating systems acquired during school years and as a hobby. intermediate level |
| PROGRAMMING LANGUAGE/CODE | Knowledge of C, HTML, Java and Arduino programming IDE acquired during school years and job experiences. good level |
| DATABASES | Basic knowledge of SQL language and Xampp application acquired during job experiences. basic level |
| CAD | Knowledge of SolidWorks and AutoCAD programs acquired during school years and during apprenticeship at Sinproval Group Srl. intermediate level |
| SPREADSHEET | Knowledge of Microsoft Excel and similar programs. good level |
| OTHER | Good knowledge of LTspice and NI MultiSim circuit simulation programs. Good knowledge of Microsoft Word and PowerPoint. |

PERSONAL SKILLS/OTHER SKILLS

Good diagnostic capability, repair of electronic components, even with tin soldering of components, acquired during studies and in free time.

Good ability to use electronic bench instruments, acquired during studies and in free time.

Decent skills in the use of laboratory chemical instrumentation, acquired by passing the experimental chemistry course for engineering [Evaluation 28/30].

Good knowledge in the use of radio equipment, obtained during the achievement of the amateur radio license.

Good relationship and team working skills, developed during the internships and voluntary activities (assistance to the elderly, after-school, oratory, and the like) carried out during the 15 years of belonging to the scout group "Saint-Vincent 1".

Good adaptability and willingness to change.

Good problem-solving skills developed during the studies.

OTHER INFORMATION

Driving license, own car

Available to travel on business in Italy, abroad

Available to relocate in Italy, abroad

* Fields marked with an * are certified by Politecnico di Torino, while the potential thesis description is added by the candidate.