PERSONAL INFORMATION

Enrico Tolotto

- Via Vanzo N1

Motta di Livenza, 31045 TV.

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- etolotto@gmail.com

Gender Male | Date of birth 17 Novembre 1994

Nationality Italian

DESIRE POSITION

Electronic engineer

EDUCATION AND TRAINING

2013 – 2017 Bachelor Degree in Electronic Engineer

Università degli studi di Udine

Dissertation title:

LoRa and Internet Of Things:
Everyware Software as a Case Study.

- Telecommunications.
- Embedded Systems.
- Software development and analysis.
- Analog and Digital system design.
- High frequency circuit design.

September 2015 – June 2016 Erasmus

Sabanci University Turkey

- Introduction to probability.
- Magnetic fields.
- Einstein relativity.
- Basic turkish.
- Microwaves.
- Electronic circuits.

2008–2013 Mechanical engineer   DSE

Istituto Tecnico Superiore A.Scarpa
Motta di Livenza

- Industrial design.
- Fluid-dynamics and Fluid machinery.
- Mechanics.
- Industrial system design and automation.

WORK EXPERIENCE

March 2017 – October 2017 Internship focused on the thesis argument

Eurotech (Italy)
33020 Amaro-UD, Via Fratelli Solari, 3/a
+39 0433.485.411

- Design and implementation of the LoRa hardware inside the IoT related platform ESF developed by Eurotech.
- Developing and testing an OSGi applet inside the Kura framework.
- Developing of some basic utility in the Go programming language.
- The acquaintance of the Mqtt protocol.

January 2012 – February 2012   Intern

Dema engineering (Italy)
31046 Oderzo-TV Via Garibaldi, 145
+39 0422 824040

- Design of the cooling system for molding chambers.
- Develop of molding mask for cars headlights and formwork.
- All the work was done with Catia software.

January 2011 – February 2011   Intern

Union Glass (Italy)
31045 Motta di Livenza TV, Via Istria
+39 0422 861235

- Develop of photovoltaic installations.
- design of protection glass for photovoltaic installations.

COMPETENZE PERSONALI

Lingua madre   Italiana.

Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Inglese C1	C1	C1	C1	C1
Francese A1	A1	A1	A1	A1
Turco A2	A2	A2	A2	A2

Levels: A1/A2: Basic user – B1/B2: Independent user – C1/C2: Proficient user
Common European Framework of Reference (CEF) level

Communication skills
- During my Erasmus, I met a lot of new and exciting people coming from different backgrounds. This experience improved my communication skills and helped me to surpass my fears. On top of this, in the nine-month that I spent in Turkey I learned the basic of the Turkish language, which are essentials for living and communicating outside the University panorama.

Organisational / managerial skills
- During my high school career in mechanical engineer, one of my classmate and I built a Pulsejet as a final project. To complete this task, we had to face a lot of work schedule, and we spent a lot of time in engineering and testing all the parts needed for the project.
- Each course that I took in Erasmus required group work. Furthermore, I also helped in the organization of cultural events. Thanks to the combination of these activities, I have improved my organization and communication skills and also the ability to work schedule.

| Job-related skills | — In my work occupation, I would like to enlarge my knowledge in low-level programming like driver or kernel modules. I'm also very interested in the IoT and LPWAN field. Technology like LoRa and Sigfox fascinate me, in addition to being the main topic of my dissertation. Also, I'm interested in all the electronics branches from telecommunications to analog and digital system design. |

| Competenza digitale | — Good knowledge with of office suite (Word, Excel, PowerPoint). |

— Great knowledge of the *nix operating system like Linux and OpenBSD.
— Knowledge of various programming language like VHDL, C, C++, Java, Python, Matlab, Shell scripting, with a personal preference for pure C and Python.
— Vast knowledge in developing board like STM Nucleo and Discovery family also good skills in embedded systems Raspberry Pi like..
— Good skills in 3D modeling and rendering with AutoCAD, SolidWorks and Catia.
— Knowledge of the most famous PCB and routing software like Orcad, ADS, EagelCad.
— ECDL certificate.

ADDITIONAL INFORMATION   I like all kind of sports, in particular, tennis. I'm also a tech enthusiast and a DIY supporter. I'm active in the Makers and other communities, and I like to experiment in various field combining my electronics and programming skills.

Driving licence   B