PERSONAL INFORMATION

Luca Feltrin

 Via Guelfa 44, 40138 Bologna (BO), Italy

 +39 051 4120186   +39 340 54 69 400

 lucafeltrin89@gmail.com

Skype: feltro999

Gender m | Birthday 25/03/1989 | Nationality Italian

EDUCATION AND TRAINING

from november 2015 – present day

Ph.D in Electronics, Telecommunications, and Information Technologies Engineering
Level 8 - QEQ

University of Bologna – DEI

Project Title: Long Range Low Power Wireless Communications Technologies for the IoT

december 2014

Examination for the qualification to practice the profession of Engineer

University of Bologna

Final Mark: 207/240

from october 2011 – to february 2014

Master Degree in Electronics and Telecommunications Engineering for Sustainable Development
Level 7 - QEQ

University of Bologna – II faculty of Engineering in Cesena

Thesis Title: Design and implementation of a LDPC decoder on a GPU architecture

Final Mark: 110/110 with honors.

- Advanced elements of Calculus, Algebra and Physics
- Microelectronics, Semiconductors Physics, Photovoltaic cells
- Wireless and cable telecommunication network, cellular system planning
- Informative systems architecture, electronic calculators, programming of Chipcon microcontrollers
- Multimedia signal processing
- Elements of industrial automation and real time systems
- Parallel computation on GPU (CUDA)

from february 2013 – to july 2013

Erasmus

Delft University of Technology (Netherlands)

Courses taken:

- Digital Audio and Speech Processing
- Computer Arithmetic
- Vehicle Mechatronic
- VLSI system on chip
- Processor Design Project

from october 2008 – to october 2011

Bachelor Degree in Electronics and Telecommunications Engineering
Level 6 - QEQ

University of Bologna – II faculty of Engineering in Cesena

Thesis Title: Identification of Users and Objects in Smart Environment with Computer Vision Techniques

Final Mark: 110/110 with honors

- Calculus, Algebra, Physics, Chemistry, Signal Processing, Automatic Controls

- Analog and Digital Electronics
- Telecommunication and networks
- Electronic Calculators, Digital Systems and FPGA programming (Altera Cyclone II)
- Propagation and Electromagnetic Fields
- Informatics, Operative Systems, Distributed Systems
- Elements of Economy and Company Structure

| from september 2002 – to july 2008 | **Diploma of industrial expert Chief in electronics and telecommunications** | Level 5 - QEQ |

Technical Industrial Institute G. Marconi

Final Mark: 100/100

- Elements of Electronics, Telecommunications and PCB design

WORK EXPERIENCE

| from january 2015 – october 2015 | **Component Specialist Driver Station** |

Maserati S.p.a. – Via Ciro Menotti 322, 41122 – Modena (Mo), Italy

- Involved in Alfa Romeo's Giorgio Project
- Interface between Alfa Romeo and Suppliers for Components Software Developing

Business or sector Automotive

| from april 2014 – to december 2014 | **SCADA Technical consultant for Alstom** |

Alten Italia S.p.a. (Bologna site) – Via Guelfa 5, 40138 – Bologna (Bo), Italy

- Developer of HMI applications for SCADA systems in the railways field
- Software Validation

Business or sector Consulting/Transport

PERSONAL SKILLS

Mother tongue Italian

Other Languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Interaction	Production	
B2	C1	C1	C1	C1
TOEFL: Mark 97/120, 4 august 2012				

Inglese

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

IT Skills
- Great competence of the Microsoft Office package and others (OpenOffice)
- Good knowledge of C++, CUDA, C#, Java, VHDL, Matlab, and basic knowledge of HTML/JavaScript and PHP.

Other competences and interests
- Multimedial Productions (Editing Video, Audio, 3D graphics)
- Experiences as drummer in a musical group

Personal Presentation

I'm fascinated by technology and engineering in general, my objective will always be to learn and improve my skills as much as I can.
I like to travel and to learn about new cultures and new ways of thinking, I hope I could do that in my job as well.
I can learn a new subject or concept fast and deeply, thanks to my ability to be critical and to imagine all the possible implications of what I read or listen.