

PERSONAL INFORMATION

Ettore Forigo

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Date of birth 2000

PERSONAL STATEMENT

I'm a focused, self-taught and precise individual, with a great passion for my work. I love to learn. I can hit goals by myself or in motivated teams, where I can leverage good communication skills.

I'm looking for positions as:

- Software Engineer
- Embedded Programmer
- Back-end Web Developer
- Android Developer
- Researcher

Job offers for positions not listed above are not excluded

WORK EXPERIENCE

17 Jun 2018–7 Jul 2018

Machine Learning Researcher

FBK, Trento
webvalley.fbk.eu

Summer Camp "WebValley 2018"

Courses on machine learning techniques, programming, medical imaging, data science.

Development of an artificial intelligence system to help doctors at the Bambino Gesù hospital in Rome predict children cancer and brain tumor.

Experience with medical imaging, neural networks and data science. Intense collaboration between peers, supporting the team and collective motivation. Work under stress conditions with strict deadlines, high expectations and sensible data treatment

9 Sep 2017–10 Jun 2018

Embedded Programmer

Greensoft SAS, Verona (Italy)

Development of a autonomous robots to fulfill sport aid tasks (tennis, golf, surfing, etc.).

Experience with STM32 platform, closed loop control systems

1 Jun 2017–1 Oct 2017

Embedded Programmer

Engineer F. Fuga, Verona (Italy)

Development of a real time IoT home automation system.

Experience with STM32 platform, C/C++, RTOS

1 Apr 2016–1 Aug 2017 **Backend Web Developer and Analyst**
FabLab, Verona (Italy)
Development of an internal company management web application.
Experience with Django (Python), remote work

EDUCATION AND TRAINING

1 Oct 2019–Present **Computer Engineering Undergraduate Degree** EQF level 6
University of Brescia, Brescia (Italy)

10 Sep 2014–2 Oct 2019 **Chief Engineering Technician Diploma** EQF level 5
Industrial Technical Institute Guglielmo Marconi, Verona (Italy)
Grade: 90/100
Topics studied:
- IT systems (Data elaboration, Internet technologies and applications, Networks and communication apparatus)
- Analysis, design and development of software applications and databases, with consideration towards data publication, analysis and interpretation
- Installation, programming and monitoring of IT systems and signal transmission apparatus
- Development of web sites and applications
- Development, management and monitoring of networks and elaboration systems

28 Feb 2018–1 Mar 2019 **CISCO CCNA Introduction to Networks Certification**
Industrial Technical Institute Guglielmo Marconi, Verona (Italy)
Knowledge of architecture, structure and functions of networks (routing, switching, network applications and protocols)

15 Sep 2017–9 Jun 2018 **CISCO Linux Essentials Certification**
Industrial Technical Institute Guglielmo Marconi, Verona (Italy)
Basic Linux shell programming (bash)
Ubuntu experience

9 Jun 2017–9 Jun 2017 **Electric Risk Security Certification**
Industrial Technical Institute Guglielmo Marconi, Verona (Italy)

31 Oct 2016–6 Oct 2017 **CISCO IT Essentials Certification**
Industrial Technical Institute Guglielmo Marconi, Verona (Italy)
Installation, management, protection and repair of desktop computers, notebooks and mobile devices.

The course is based on the following industry certifications:
- CompTIA A+
- EUCIP (European Certification of Informatics Professionals) IT Administrator (Modules 1 & 2)

1 Jan 2015–1 Jun 2015 **Job Security Certification**
Industrial Technical Institute Guglielmo Marconi, Verona (Italy)
Risk, damage, prevention/protection, rights/duties, sanctions

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Good communication skills gained presenting projects at school, local events and at camps I attended; explaining my works, mentoring peers, and helping kids with difficulties in technical subjects

Organisational / managerial skills

Often leading small to medium groups of people during projects, managing the workload and organizing the tasks to deliver the result in time

Job-related skills

I am proficient in:
 Python, Java, Kotlin, C, SQL

And have experience with:
 C++, Assembly x64, Prolog, Haskell, Lisp

Also I have worked with:
 Django, Android, STM32 platform, Arduino platform, Git VCS.

Experience in development and security of embedded and wireless systems (RFID, NFC, Bluetooth, NRF24, etc.).

Soldering and manual skills with very small parts

Very precise and meticulous in doing a clean job.

Great mentoring skills obtained through hours of peer programming and training of class mates.
 Experience introducing little kids to programming

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Independent user	Independent user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Expert with Microsoft Office and the Windows OS, Google Docs and text editing.

Basic photo editing skills

Driving licence

AM, B

ADDITIONAL INFORMATION

Projects

Teleguide:

A Progressive Web App and Android App to control LEGO Technics robots via a smartphone or smartwatch

Projects

ThingsHVAC:

An Android Things HVAC controller created for the Verona's Google I/O Extended event at the Verona Order of Engineers. I presented the device as a demo of Android Things (IoT)

Personal Interests

I have a great passion for computer science and engineering, with an interest for electronics and wireless technologies. I study these topics in my free time and experiment with amateur projects.

I practice Code Golf as a hobby.

I also like to learn about civil engineering, mechanics, physics and chemistry as a hobby.