

Francesco Truzzi

SOFTWARE ENGINEER

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Experience

HARMAN International — Samsung [↗](#)

Milan, Italy

SOFTWARE ENGINEER, BIXBY (FULL-TIME)

Oct. 2019 - Present

- Bixby chatbot development for Italian.
- Feature bring-up, refactor of NL modeling, understanding and logic.
- Development of automation tools.

Apple [↗](#)

Cork, Ireland

NATURAL LANGUAGE ENGINEER, SIRI (FULL-TIME)

Feb. 2018 - Oct. 2019

- Supervising a team of 3-5 language modelers, leading data annotation efforts and defining labeling guidelines for Italian.
- Bring-up of new Siri features and domains.
- Tuning and validation of NLP models.
- Development and maintenance of pipeline tools and scripts.

Action Verb — BrickFTP [↗](#)

Remote

NATIVE SPEAKER (FREELANCE, PART-TIME)

Nov. 2017 - July 2018

- Software internationalization for the Italian market.
- Sales and support activities for Italian-speaking customers.

Cisco [↗](#)

Vimercate, Italy

TECHNICAL MARKETING ENGINEER (INTERN, FULL-TIME)

Sept. 2016 - Mar. 2017

- Developed Python scripts to automate inventory tasks and a GUI to manage and automate the operation of a command-line network simulator to be used in customer demos.
- Managed a world-class test and demo rack lab used in POCs for optical fiber solutions.
- Learned about DWDM and packet-optical transport technologies, attending meetings and trainings with key international clients.

Gengo [↗](#)

Remote

TRANSLATOR (FREELANCE)

from June 2015

- Approved translator for the English to Italian language pair (Standard and Professional level).
- Translated more than 400k words with an average quality score higher than 9/10. Translator's profile [↗](#)

Projects

HDC1000 Breakout Board + Libraries [↗](#)

Saronno, Italy

TRUZZI.ME

Feb. 2015

- Designed and printed a breakout board for the Texas Instruments HDC1000 temperature and humidity sensor.
- Wrote Arduino and NodeMCU (ESP8266) software libraries for the sensor and integrated it to openHAB, making it internet-connected.

ATX Breakout Board [↗](#)

Saronno, Italy

TRUZZI.ME

Nov. 2014

- Designed a breakout board for ATX power supplies with support for adjustable voltage and high-current USB charging.
- Inspired by other open source work.
- Sold more than 100 PCBs and kits on my website.

Skills

CS & Programming

Python, Machine Learning, Natural Language Processing, pandas, Javascript, ReactJS, git.

Electronics

PCB Design, EagleCAD, Embedded Programming, Lab Equipment (oscilloscopes, logic analyzers, multimeters).

Translation

Technical Translation, App, Game & Website Localization, Subtitling, Captioning, CAT Software.

Education

University of Milano-Bicocca

Milan, Italy

BACHELOR'S OF SCIENCE IN COMPUTER SCIENCE

Sept. 2017 - Present

- Expected graduation: TBD, on hold since Feb. 2018.

Politecnico di Milano

Milan, Italy

ELECTRONICS ENGINEERING

2014 - 2017

- Tutored 30 international design students coming to Milan for a week-long summer school about designing products for improving urban areas. I helped them create prototypes and proof of concepts to present at the end of the week using different development boards.
- Collaborated with Polifactory, the new makerspace of Politecnico di Milano, on Next Design Innovation [↗](#), a contest for young innovators by Regione Lombardia. I worked on the electronics design and prototyping of two of the projects.
- Transferred to Computer Science at University of Milano-Bicocca in September 2017.

Coursera, edX and others

Remote

MASSIVE OPEN ONLINE COURSES

- Improving Deep Neural Networks, by deeplearning.ai. Certificate earned on September 23, 2018. [↗](#)
- Neural Networks and Deep Learning, by deeplearning.ai. Certificate earned on July 3, 2018. [↗](#)
- Structuring Machine Learning Projects, by deeplearning.ai. Certificate earned on April 5, 2018. [↗](#)
- Machine Learning, by Stanford University. Certificate earned on October 22, 2017. [↗](#)

Liceo Scientifico G.B. Grassi

Saronno, Italy

SCIENTIFIC HIGH SCHOOL DIPLOMA

2014

- Graduation essay (Italian): "Basic Life Support in out-of-hospital cardiac arrest." [↗](#)

Languages

Italian Native proficiency.

English Full proficiency. University certificate: C2 level [↗](#) — Duolingo Proficiency Exam: Expert [↗](#)

Spanish Elementary proficiency.

Volunteering

Italian Red Cross

Saronno, Italy

EMERGENCY MEDICAL TECHNICIAN (EMT-B) / PEER EDUCATOR

Dec. 2010 - Present

- Red Cross volunteer since December 2010, promoting healthy lifestyles (protected sex, road safety) among young people.
- Emergency responder (EMT-B, with semi-automatic AED certification) and team leader on "118" first-responding ambulances since December 2013.
- Emergency ambulance driving license since March 2017.