

FRANCESCO FRASSINELLI

Python developer & FLOSS lover 

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🐙 github.com/frafra

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EXPERIENCE

Lead developer

Kjuicer Srl

📅 March 2015 – ongoing

📍 Milan, Italy

- Full-stack developer for the first version of the Kjuicer webapp
- Currently focused on back-end (Django + PostgreSQL + Linux) and QA
- Co-founder of Kjuicer Srl

Control project engineer

CERN cryogenics, controls & electrical support

📅 April 2016 – July 2016

📍 Meyrin, Geneva, Switzerland

- Worked with both Siemens and Schneider PLCs
- Jenkins 2 migration for PLC code automatic generation
- Development of new tools for code static analysis and Unity projects

Python specialist

CERN cryogenics, controls & electrical support

📅 March 2013 – August 2013

📍 Meyrin, Geneva, Switzerland

- Jenkins cluster setup for CI for LHC
- Development of new tools for validation and automation
- Migration from UNICOS CPC 5 to the 6th version

Other working experiences

Consapevolezza Srl, ServeurLibre, Istituto Paccini, various consultancies

VOLUNTEERING

OpenStreetMap & Humanitarian mapping

PoliMappers & WikiMedia Italia

📅 July 2008 – ongoing

📍 Lombardy, Italy

- OpenStreetMap active user since July 2008
- Technical officer of PoliMappers since November 2016
- Vice-president of PoliMappers since December 2017
- OpenStreetMap Coordinator for Lombardy region since January 2018

Free software activist

Various GNU/Linux user groups & Fedora Project

📅 2003 – ongoing

📍 Italy

- Fedora Ambassador since May 2011
- Fedora Maintainer since January 2014
- System administrator of FedoraOnLine.it since September 2017
- Dozens of events, talks, thousands of posts and emails
- FSFE, ILS, GUGLI, Govonis, POuL, ViGLug, Slimp, BrigX, and others

FAVORITE QUOTE

“We choose to go to the Moon in this decade and do the other things, not because they are easy, but because they are hard.” – John Fitzgerald Kennedy

SKILLS



Languages

Bash C C++ CSS HTML
Java Javascript LaTeX
Markdown Matlab Octave
Python Rust SQL XML



Softwares/frameworks

Django Docker Fedora Git
GNU Inkscape Jenkins
Linux PostgreSQL Qt
SQLite



Geoinformatics

GeoServer JOSM Leaflet
OpenStreetMap Osmium
PostGIS QGIS Spatialite



Misc

CNC PLC WebExtension

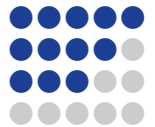
LANGUAGES

Italian

English

French

Mandarin Chinese 🗣️



EDUCATION

M.S. in Geoinformatic Engineering

Politecnico di Milano

🗣️ Working at my thesis

B.S. in Engineering of Computing Systems

Politecnico di Milano

PUBLICATIONS

Journal Articles

- “Humanitarian Mapping within a Student Association: PoliMappers” (2017). In: *Geomatics Workbooks* (13), pp. 130–136.

Conference Proceedings

- “PoliMappers: activities and objectives” (2017). In: *FOSS4G-IT*. (Genoa, Italy). URL: https://www.researchgate.net/publication/313651028_PoliMappers_activities_and_objectives.
- “Improved software production for the LHC tunnel cryogenics control system” (2014). In: *Proceedings of 25th International Cryogenic Engineering Conference*. (University of Twente, Enschede, NL).
- “Validation of the data consolidation in Layout database for the LHC tunnel cryogenics controls upgrade” (2013). In: *ICALEPCS 2013*. (San Francisco, CA).

THINGS I BELIEVE IN



Sharing

ideas and knowledge is critical for achieving consistent results



Critics

allow you to improve yourself and the quality of your work (Linux is built on constructive critics and patches)



Humility

because if you think you reached the top you stop to learn