

# FRANCESCO FRASSINELLI

Python developer & FLOSS lover 

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📍 Milan, Italy

🌐 frafra.eu

in <https://www.linkedin.com/in/francesco-frassinelli/>

🐙 [github.com/frafra](https://github.com/frafra)



## 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

JOSM Leaflet OpenStreetMap  
Osmium PostGIS QGIS  
Spatialite

 Misc

CNC PLC WebExtension

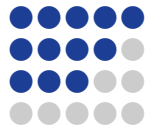
## LANGUAGES

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

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### Journal Articles

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

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### Conference Proceedings

- “PoliMappers: activities and objectives” (2017). In: *FOSS4G-IT*. (Genoa, Italy). URL: [https://www.researchgate.net/publication/313651028\\_PoliMappers\\_activities\\_and\\_objectives](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

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### Sharing

ideas and knowledge is critical for achieving consistent results

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### Critics

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

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### Humility

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