

FRANCESCO FRASSINELLI

Also known as "Frafra"



WebGIS/Python developer & FLOSS lover

📍 Trondheim, Sør-Trøndelag, Norway
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EXPERIENCE

WebGIS/Python developer

NINA - Norsk institutt for naturforskning

📅 September 2018 - ongoing 📍 Trondheim, Sør-Trøndelag, Norway

- Building up data management infrastructure for the COAT (Climate-ecological Observatory for Arctic Tundra) project
- Assist researchers in designing and programming solutions for collecting, storing, visualizing and sharing data

Lead developer

Kjuicer Srl

📅 March 2015 - June 2018 📍 Milan, Lombardy, Italy

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

Python specialist, Control project engineer

CERN - Conseil européen pour la recherche nucléaire

TE-CRG-CE - Cryogenics, controls & electrical support

📅 April 2016 - July 2016 📍 Meyrin, Geneva, Switzerland

📅 March 2013 - August 2013

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

Other working experiences

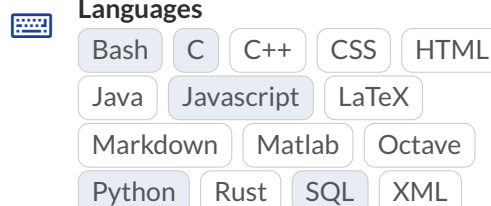
Consapevolezza Srl, ServeurLibre, Istituto Paccini, various consultancies

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



Softwares/frameworks



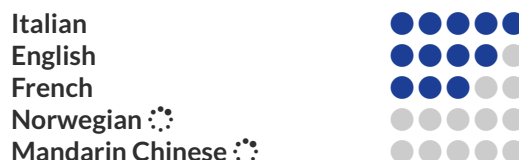
Geoinformatics



Misc



LANGUAGES



EDUCATION

🎓 Master of Science in Geoinformatic Engineering 🌐
Politecnico di Milano

🎓 Bachelor of Science in Engineering of Computing Systems
Politecnico di Milano

PUBLICATIONS

Journal Articles

- Minghini, M., M. A. Brovelli, and F. Frassinelli (2018). "An open source approach for the intrinsic assessment of the temporal accuracy, up-to-dateness and lineage of OpenStreetMap". In: *ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences XLII-4/W8*, pp. 147–154. DOI: 10.5194/isprs-archives-XLII-4-W8-147-2018. URL: <https://www.int-arch-photogramm-remote-sens-spatial-inf-sci.net/XLII-4-W8/147/2018/>.
- Fluder, Czeslaw et al. (2015). "Improved software production for the LHC tunnel cryogenics control system". In: *Phys. Procedia 67*, pp. 1134–1140. DOI: 10.1016/j.phpro.2015.06.176.


Conference Proceedings

- Kilsedar, Candan Eylül, Daniele Oxoli, Francesco Frassinelli, et al. (2017). "Humanitarian Mapping within a Student Association: PoliMappers". In: pp. 130–136. URL: <http://geomorfolab.arch.unige.it/geomaticsworkbooks/GW13.pdf>.
- Kilsedar, Candan Eylül, Daniele Oxoli, Lorenza Sganzzetta, et al. (2017). "PoliMappers: activities and objectives". In: *FOSS4G-IT*. (Genoa, Italy). URL: https://www.researchgate.net/publication/313651028_PoliMappers_activities_and_objectives.
- Fluder, Czeslaw et al. (2014). "Improved software production for the LHC tunnel cryogenics control system". In: *Proceedings of 25th International Cryogenic Engineering Conference*. (University of Twente). Enschede, NL.
- Tovar-Gonzalez, A et al. (2014). "Validation of the data consolidation in Layout database for the LHC tunnel cryogenics controls upgrade". In: (ICALEPCS 2013). San Francisco.

VOLUNTEERING

Mapper

OpenStreetMap, PoliMappers, WikiMedia Italia

 2008 – ongoing  Lombardy, Italy

- Tools, webapps and scripts for the OSM ecosystem
- State of the Map 2018 organizer/volunteer/speaker
- OpenStreetMap Coordinator for Lombardy region for 2018 H1
- Vice-president of PoliMappers from 2017 to 2018
- Technical officer of PoliMappers from 2016 to 2018
- OpenStreetMap active user since July 2008

Free software activist

Various GNU/Linux user groups, Fedora Project

 2003 – ongoing  Italy

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

CERTIFICATES

 IELTS band 7 (CEF C1)

British Council

PATENTS

 102015000062946


Ministero dello Sviluppo Economico


LICENSES


 European driving license, class B

Motorizzazione Civile e dei Trasporti in Concessione

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 (GNU/Linux is built on criticisms and patches)

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