Davide Poggiali

Born: January 25, 1987

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pog87

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About me

Davide is:

- Data Scientist, Researcher
- PhD in Neurosciences, MD in Mathematics
- Used to teamwork with people of different formation
- Husband, Father of three
- Just a common nerd.

Skills

Italian

English

French

bash scripting

PowerBI

LaTeX

MATLAB-Octave-Scilab

Python

R

Fields of interest

Applied Mathematics, Data Science, Dataviz, Imaging, Programming.

Education

2014-2017   **PhD in Neurosciences**   Padova PD

PET/MRI postprocessing in Multiple Sclerosis, Alzheimer's Disease, Brain Tumor.

2010-2012   **M.Sc. in Mathematics**   Padova PD

Specializing in applied Math. Thesis: Image reconstruction in CT and SPECT/CT.

2006-2009   **B.Sc. in Mathematics**   Florence FI

Basis of pure and applied Maths. Thesis: Matematical Modelling in Biology.

Experience

2021 -   **Data & Analytics Lead @ FAR Networks srl**   Lonigo VI

IoT Data Analysis, Machine Learning, LLMs, Business Intelligence.

2018 - 2021   **PostDoc in Numerical Analysis @PNC**   Padova PD

Polynomial interpolation and image upsampling with applications. Kinetic Modelling in PET, DaTSCAN elaboration for Parkinson's Disease, discontinuous interpolation.

2012-   **University teacher**   Padova PD

Professor in 6 different courses of Numerical Calculus and Teaching Assistant (TA) in 8. Teacher in a PhD course of medical imaging. Modalities: in presence, in remote both synchronous and asynchronous, dual.

2017-19   **High School teacher in Math. and Physics**   Padova PD

I apprehended how to teach in a clear and interactive way, even in difficult classes and students with Special Needs.

Publications and other works

2012-   **Author of 26 papers**

most in num. analysis and neurology and of 23 conference posters. Moreover, I co-authored an exercise book of Numerical Calculus still used in university Courses. Sold 800 copies at now. When possible, I rather to publish open code for my work (see my GitHub :-).

2013-   **Speaker in 14 conferences and in 20 seminars.**

2017-   **Organizer of four international conferences.**

Logistics, scripting for automation and sponsor contact.

2013-2018   **Thesis co-supervisor**

of five BD, one MD, one Postgraduate Medical Degree.

Other informations

Full CV: You can download my CV at http://dpoggiali.altervista.org/.

Trivia about me

- I can play guitar, ukelele, guitarele and charango.
- I've been in every continent except for Antartica.
- Once I traveled from Padova to Ancona just with my old bike.