

Flavia Salutari

PHD CANDIDATE IN COMPUTER SCIENCE WORKING IN DATA SCIENCE AND MACHINE LEARNING

☎ (+39) 3297088802 - (+33) 0668954253 | ✉ flavia.salutari@gmail.com | 🏠 flaviasalutari.github.io/ | 🌐 flviasalutari | 🎓 flaviasalutari

I am a curious and enthusiastic learner with a strong interdisciplinary background.
I thrive at solving challenging problems, as translating complex datasets into powerful insights through solid statistical tools.
I am interested in positive, social and sustainable applications of machine learning and ethical AI.

Experience

SpaceTimeLab ~ University College London

London, UK

VISITING RESEARCHER

Sep. 2020 - Now

- Measurement of societal bias and development of debiasing techniques to ensure fairness in conversational systems. (NLP)

Institut Polytechnique de Paris ~ Telecom Paris

Paris, France

PH.D. CANDIDATE IN COMPUTER SCIENCE

Jun. 2018 - Now

- Measurement and prediction of Quality of Experience (QoE) of users browsing the Web. [2] (webqoe.telecom-paristech.fr/)
- 2 years long collaboration with the Wikimedia Foundation to explore and forecast Wikipedia users' satisfaction. [3, 1]

Telecom Paris ~ University College London

Paris, France

TEACHING ASSISTANT

Sep. 2017 - now

- Courses: Geospatial Programming (2020), Exploration de grands volumes de données (2020), Mining of Massive Datasets (2019,2020), From Complexity to intelligence (2020), Internet Applications (2017, 2018).

NewNet@Paris Cisco's Chair ~ Telecom Paris

Paris, France

RESEARCH ENGINEER

Oct. 2017 - May. 2018

- Large scale Internet measurements analysis through state-of-the-art algorithms of machine learning (Random Forest, XGBoost) [4] .

NewNet@Paris Cisco's Chair ~ Telecom Paris

Paris, France

MASTER OF SCIENCE INTERN

Mar. 2017 - Sept. 2017

- Design and experimentation of host classification algorithms using active probing techniques.

JointOpenLab (JOL) Visible by Telecom Italia

Torino, Italy

INTERN

Apr. 2015 - Jun. 2015

- Design and development of an algorithm for the geometric verification of pictures for image recognition. (MATLAB)

Education

Politecnico di Torino ~ ICT For Smart Societies

Sep. 2015 - Oct. 2017

MASTER OF SCIENCE (110/110 SUMMA CUM LAUDE - FIRST-CLASS HONOURS)

Torino, Italy

- Specialist Subjects: Operational Research, Statistical Signal Processing, Automotive Infosystems, ICT in transport systems, ICT in building design, ICT for Geomatics, ICT for Health, Programming for IoT applications, Mobile and Sensor Networks.

Tongji University

Sep. 2013 - Jul. 2014

POLITONG PROJECT ~ INFORMATION AND COMMUNICATION TECHNOLOGY ENGINEERING

Shanghai, China

- Joint program developed by Tongji University from China and Politecnico di Milano and Politecnico di Torino from Italy.

Politecnico di Torino ~ Telecommunications Engineering

Sep. 2012 - Jul. 2015

BACHELOR DEGREE

Torino, Italy

Skills and Interests

Tools	Jupyter Notebooks, \LaTeX , Git, SVN, Apache Hive, Microsoft Office
Libraries	Pandas, Numpy, Scikit-Learn, Matplotlib, Pytorch, Keras, NLTK, Transformers, Tensorflow
Programming	Python, Bash, SQL
Languages	Italian (native), English (advanced), French (advanced), Chinese (beginner)
Soft Skills	Communication, Teamwork, Empathy, Self-management, Open-mindedness, Adaptability
Interests	Cinema, Theater, Photography, Literature, Psychology

Selected Publications

- [1] Flavia Salutari et al. "Analyzing Wikipedia Users' Perceived Quality Of Experience: A Large-Scale Study". In: *IEEE Transactions on Network and Service Management* (2020).
- [2] Flavia Salutari et al. "Implications of the Multi-Modality of User Perceived Page Load Time". In: *IEEE MedComNet Conference*. 2020.
- [3] Flavia Salutari et al. "A large-scale study of Wikipedia users' quality of experience". In: *Proceedings of the 30th Web Conference (WWW'19)*. May 2019.
- [4] Flavia Salutari et al. "A closer look at IP-ID behavior in the Wild". In: *Proceedings of the 19th International Conference on Passive and Active Measurement (PAM'18)*. Mar. 2018.