# Flavia **Salutari**

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Last year Ph.D. student in Computer Science working in data science and machine learning. I had the privilege to work with human-labeled data coming from real browsing measurements aimed at studying the users' performance perception on Wikipedia pages. Relying daily on python (numpy, pandas, matplotlib, scikit-learn, keras), Apache Hive and Git/SVN.
Speaking Italian (Native), English (Advanced), French (Intermediate) and little bit of Chinese.

## **Exp**erience

**SpaceTimeLab ~ University College London**                                      *London, UK*
Visiting Researcher                                                              *Sep. 2020 - Feb. 2021*
- Measurement of bias and development of debiasing techniques to ensure fairness in natural language processing (NLP).

**Institut Polytechnique de Paris ~ Telecom Paris**                              *Paris, France*
Ph.D. Candidate in Computer Science                                             *Jun. 2018 - May 2021*
- My research focus is mostly on the analysis of Quality of Experience (QoE) of users browsing the Web. (webqoe.telecom-paristech.fr/)
- Teaching activities for *"From Complexity to intelligence"*, *"Mining of Massive Datasets"* and *"Internet Applications"* courses.

**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).

**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.

## **Edu**cation

**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*

## **Pub**lications

### Conference Proceedings

[1] Flavia Salutari et al. "Implications of the Multi-Modality of User Perceived Page Load Time". In: *IEEE MedComNet Conference*. 2020.

[2] 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. URL: `https://dl.acm.org/doi/10.1145/3308558.3313467`.

[3] 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. URL: `https://link.springer.com/chapter/10.1007/978-3-319-76481-8_18`.

[4] Alessandro Ciociola et al. "UMAP: Urban mobility analysis platform to harvest car sharing data". In: *Proceedings of the IEEE Conference on Smart City Innovations (IEEE SCI)*. Aug. 2017. URL: `https://ieeexplore.ieee.org/document/8397566/`.

### Journal Articles

[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). URL: `https://ieeexplore.ieee.org/document/9025257`.