

Flavia Salutari

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Third-year Ph.D. student in Computer Science working in data analysis and machine learning applied for Web QoE, dealing with human-labeled data coming from real browsing measurements. Relying daily on python (numpy, pandas, matplotlib, scikit-learn, keras), Apache Hive and Git/SVN. Speaking Italian (Native), English (Advanced), French (Upper Intermediate) and little bit of Chinese.

Experience

Institut Polytechnique de Paris ~ Telecom Paris

PH.D. CANDIDATE IN COMPUTER SCIENCE

Paris, France

June. 2018 - Present

- My research concerns the analysis of Quality of Experience (QoE) of users browsing the Web. (webqoe.telecom-paristech.fr/)
- Analysis and forecast of Wikipedia users' satisfaction with data extracted from real browsing in the Wild Web.
- Assessment of the multi-modal nature of users' perception when measuring QoE in controlled experiments.
- Teaching activities for "Mining of Massive Datasets" and "Internet Applications" courses.

NewNet@Paris Cisco's Chair ~ Telecom Paris

RESEARCH ENGINEER

Paris, France

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

MASTER OF SCIENCE INTERN

Paris, France

Mar. 2017 - Sept. 2017

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

JointOpenLab (JOL) Visible by Telecom Italia

INTERNSHIP

Torino, Italy

Apr. 2015, Jun. 2015

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

Education

Politecnico di Torino

MASTER OF SCIENCE IN ICT FOR SMART SOCIETIES (110/110 SUMMA CUM LAUDE - FIRST-CLASS HONOURS)

Torino, Italy

Sep. 2015 - Oct. 2017

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

Tongji University

POLITONG PROJECT ~ INFORMATION AND COMMUNICATION TECHNOLOGY ENGINEERING

Shanghai, China

Sep. 2013 - Jul. 2014

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

Politecnico di Torino

BACHELOR DEGREE IN TELECOMMUNICATIONS ENGINEERING

Torino, Italy

Sep. 2012 - Jul. 2015

- Specialist Subjects: Signal Theory, Computer Networks, Networking Laboratory, Advanced Programming.

Publications

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)*. San Francisco, CA, USA, May 2019. URL: <https://dl.acm.org/doi/10.1145/3308558.3313467>.
- [3] Flavia Salutari, Danilo Cicalese, and Dario Rossi. "A closer look at IP-ID behavior in the Wild". In: *Proceedings of the 19th International Conference on Passive and Active Measurement (PAM'18)*. Berlin, Germany, 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)*. San Francisco, CA, USA, 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: 2020.