

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 ecosystem (numpy, pandas, matplotlib, scikit-learn, keras, pytorch), Apache Hive and Git/SVN. Knowledgeable on transformer-based machine learning models for natural language processing (NLP). Speaking Italian (Native), English (Advanced), French (Upper Intermediate) and little bit of Chinese.

Experience

Telecom Paris ~ University College London

Paris, France

TEACHING ASSISTANT

Sep. 2017 - now

- 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).

SpaceTimeLab ~ University College London

London, UK

VISITING RESEARCHER

Sep. 2020 - Feb. 2021

- Measurement of bias and development of debiasing techniques to ensure fairness in conversational systems.

Institut Polytechnique de Paris ~ Telecom Paris

Paris, France

PH.D. CANDIDATE IN COMPUTER SCIENCE

Jun. 2018 - Now

- My research focus is mostly on the analysis of Quality of Experience (QoE) of users browsing the Web. (webqoe.telecom-paristech.fr/)

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.

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

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)*. May 2019.
- [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.
- [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.

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).