

# Effrosyni Papanastasiou

PhD Student



## Contact Me

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<https://effrosyni-papanastasiou.github.io/>



## Relevant Skills

**Programming** Python, C  
**Development** Git, Jupyter Notebook

**Typesetting** Vim, LaTeX, Overleaf  
**Languages** Greek (native), English (fluent), French (advanced)

**Research** linear programming, expectation maximization, graph inference, bayesian inference, matrix factorization

## EDUCATION HISTORY



### PhD in Computer Science

**Institution: Sorbonne University**

Expected Year of Graduation: 2024

- MLIA team, ISIR



### INTEGRATED MASTER OF ELECTRICAL AND COMPUTER ENGINEERING

**Institution: National Technical University of Athens**

Year of Graduation: 2020

- Thesis: Network-based Tensor Factorization with Label Information for Fake News Detection

## PUBLICATIONS

### Constrained Expectation-Maximisation for inference of social graphs explaining online user-user interactions

PEER-REVIEWED JOURNAL PAPER

Effrosyni Papanastasiou and Anastasios Giovanidis, Journal of Social Network Analysis and Mining (Springer) (expected: 2023)

### Bayesian Inference of a Social Graph with Trace Feasibility Guarantees

*The Hague, Netherlands, November 2021*

PEER-REVIEWED CONFERENCE PAPER W/ PROCEEDINGS

Effrosyni Papanastasiou and Anastasios Giovanidis, in ASONAM '21: Proceedings of the 2021 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining

### Tensor Factorization with Label Information for Fake News Detection

*Paris, France, July 2019*

PEER-REVIEWED WORKSHOP PAPER W/ PROCEEDINGS

Frosso Papanastasiou, Georgios Katsimpras and Georgios Paliouras, in Workshop on Reducing Online Misinformation Exposure ROME 2019, part of the 42nd ACM SIGIR