RESEARCH INTERNSHIP POSITION

CENTRALESUPÉLEC, UNIVERSITY OF PARIS-SACLAY

Topic: Machine Learning on graphs with applications in fake news detection

General Information

- **Starting date:** Spring/Summer 2019
- **Supervisor:** Dr. Fragkiskos Malliaros
- **Place:** Centre de Vision Numérique (CVN), CentraleSupélec, University of Paris-Saclay and Inria Saclay, 8 rue Joliot-Curie, 91190 Gif-sur-Yvette (Paris area), France
- **Duration:** 4-6 months (funded)

Description

Social media is becoming increasingly popular for news consumption, mainly due to its easy access, low cost and fast propagation. However, social media platforms also enable the dissemination of *misinformation* and *fake news*, i.e., news with intentionally false information. Therefore, designing algorithmic tools for misinformation detection has become a crucial task with societal impact. The goal of the position is to develop **machine learning algorithms on graphs**, covering topics in representation learning, semi-supervised learning, community detection and influence propagation, with applications on fake news detection on social media.

Candidate Profile

- Student currently pursuing an M.Sc./M2 or Ph.D. degree in Computer Science, Applied Mathematics, Statistics or equivalent, with strong background in machine learning and graph mining.
- Strong programming skills preferably in Python.
- Good communication skills.

How to Apply

Please send your application (pdf format; in English) by email to Fragkiskos Malliaros with subject: "Application for Internship Position 2019 - Your First and Last Name", including the following:

- Full CV.
- A motivation letter, explaining your interest in the position (max 1 page).
- Transcript of records (grades).

Applications will be considered as they are received, until the position is filled.

About CentraleSupélec

CentraleSupélec, Université Paris-Saclay is a top-ranked engineering school in France. It is located in Gif-sur-Yvette, a commune in the southwestern suburbs of Paris.
For further information, please do not hesitate to contact Fragkiskos Malliaros:

- Email: fragkiskos.malliaros@centralesupelec.fr
- Web: http://fragkiskos.me