

RESEARCH INTERNSHIP: COVID-19 RETWEET PREDICTION CHALLENGE **[NLP001]**

Project Description

As a result of the ongoing Coronavirus disease 2019 (COVID-19) pandemic, our daily life routines and behaviour patterns changed drastically not only offline but also online. One example of such a change is the change in the reading patterns on Wikipedia and Reddit. COVID-19 has been also a hot topic on other social media platforms such as Facebook, Twitter, or YouTube.

To understand the information spreading mechanisms during the COVID-19 pandemic, in this project, we focus on Twitter. Twitter is an online social network where users can follow each other and share information using short text posts called tweets. The platform offers a function to retweet a tweet which means sharing it with your followers without any change. Retweeting is a popular function and it has also found his way in other online social networks such as Weibo. Retweeting can be seen as amplifying the spread of original content and thus retweet prediction is a crucial task when studying information spreading processes. As such, understanding retweet behaviour is useful and has many practical applications, e.g. political audience design, fake news spreading and tracking, health promotion, mass emergency management, etc. Modelling retweet behaviour has been an active research area and is also especially important during times of crisis such as the current COVID-19 pandemic.

Required Skills

1. Good research potential with good analytical skills
2. Knowledge of web and mobile application development.
3. Basic understanding of python toolkits for AI
4. Mathematical modelling and
5. Good writing and presentation skills

Contact Person

For further information, contact [Henry Nunoo-Mensah](#). Click [here](#) to apply for this position.

RESEARCH INTERNSHIP: EMOTIONGIF 2020 [NLP002]

Project Description

Social networks, such as Facebook, Instagram and Twitter, offer the option of reacting to posts with an Animated GIF. The enriched media and finer-grained expressiveness of GIFs, compared to other popular graphic-based media such emoticons and emojis, have made their usage extremely popular on social media and an important addition to online human communications.

Interns will work on a dataset collected from Twitter, and includes 40K samples. Given the labelled training data, the intern will need to recommend GIF categories for all the tweets in the unlabelled evaluation dataset.

For each tweet, you need to recommend exactly 6 categories.

Required Skills

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2. Knowledge of web and mobile application development.
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5. Good writing and presentation skills

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