

# Hanaa Anber

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## ABOUT ME

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I am a PhD student at the University of New Hampshire, Durham, USA. I am a part of the Text Retrieval Extraction Machine learning and Analysis (TREMA) lab at UNH. I work with Prof. Laura Dietz.

## EDUCATION

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**University of New Hampshire**  
*Doctor of Philosophy – Ph.D. in Computer Science*

**Durham, NH, USA**  
*Expected: May 2025*

**Cairo University**  
*Masters in Computer Science*

**Cairo, Egypt**  
*Completed: May 2018*

**Cairo University**  
*Graduate Diploma in Computer Science*

**Cairo, Egypt**  
*Completed: May 2013*

**Cairo University**  
*Bachelor in Accounting*

**Cairo, Egypt**  
*Completed: May 2006*

## SKILLS

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- Data Mining
- Information Retrieval
- Statistical Analysis
- Programming Languages: Python, Java, R

## PROJECTS

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**Frequency Distribution Analysis for Twitter hashtags**

*May 2018*

- Analysis of the activity and the participation of Twitter users to identify the most affected events on users.
- Normalization of the time-slot and the number of tweets for a group of hashtags.

**Object Detection Using Latent Support Vector Machine**

*May 2014*

- Detecting objects (persons, dogs, cats, horses) in images.

**Android Learning Mobile Application for Kids**

*May 2013*

- Puzzle and English teaching application for kids at age 3-5.

## PUBLICATIONS

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- Hana Anber, Akram Salah, A. A. Abd El-Aziz, "Analysis of Major Events in Egypt based on Twitter," *Journal of Computers* vol. 13, no. 3, pp. 327-336, 2018.
- Hana Anber, Akram Salah, A. A. Abd El-Aziz, "A Literature Review on Twitter Data Analysis," *International Journal of Computer and Electrical Engineering* vol. 8, no. 3, pp. 241-249, 2016.