

Mohammed Ali Eltaher

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RESEARCH INTERESTS

My primary research area is in the multimedia data mining and analytics. Research interests include content/semantic based multimedia retrieval and summary, big data system/analytics, social media data mining, and user profiling.

Keywords: big data, machine learning, multimedia database, data mining, semantic search, and social media data mining.

EDUCATION

Ph.D. in Computer Science and Engineering, May 2015.

University of Bridgeport, CT, USA.

Thesis title: Social User Mining: User Profiling of Social Media Network Based on Multimedia Data Mining.

Advisor: Dr. Jeongkyu Lee

M.S. in Computer Science (Intelligent System), May 2005.

University Utara Malaysia, Kedah, Malaysia.

Thesis title: Expert System shall as an Educational Tolls.

B.S. in Computer Science , January 2000.

University of Sebha, Sebha, Libya.

WORKING EXPERIENCE

Lecturer, Aug. 2015 – Present.

Department of Computer Science, Faculty of Education, University of Sebha, Ubari, Libya.

Visiting Lecturer, Mar. 2016 – Present.

Department of Information System, Faculty of information Technology,
University of Tripoli, Tripoli, Libya.

Visiting Lecturer, Mar. 2018 – Present.

Department of Electrical and Computer Engineering, School of Engineering
Sciences, The Libyan Academy, Tripoli Libya.

Head of Computer Science Department, Oct. 2015 – Jul. 2016

Department of Computer Science, Faculty of Education, University of Sebha,
Ubari, Libya.

Research Assistant, Aug. 2012 – May. 2015

Department of Computer Science, School of Engineering, University of
Bridgeport, CT, USA.

Teaching Assistant, Feb. 2014 – May. 2015

Department of Computer Science, School of Engineering, University of
Bridgeport, CT, USA.

Deputy Dean, Feb. 2007 – Mar. 2008

Faculty of Art and Science, University of Sebha, Ubari, Libya.

Director of the Office of Graduate Studies, Aug. 2006 – Mar. 2007

Faculty of Art and Science, University of Sebha, Ubari, Libya.

Assistant Lecturer, Sep. 2005 – Mar 2008.

Department of Computer Science, Faculty of Education, University of Sebha,
Ubari, Libya.

TEACHING EXPERIENCE

University of Sebha.

- CS 305: Data Structure
- CS 301: Programing Using C++
- CS 502: Objected-Oriented Programing using C++
- CS 403: Database System
- CS 605: Software Engineering

University of Tripoli.

- ITIS 413: Artificial Intelligent
- ITIS 407: Innovation and New Technology
- ITIS 324: Multimedia System
- ITIS 311: Application Development

University of Bridgeport.

- CPSC 550: Multimedia Database Systems
- CPSC 556: Data Mining

The Libyan Academy.

- ITE 645: Database Technology

RESEARCH EXPERIENCE

Research Member & Assistant, Sep. 2011– May. 2015.

Multimedia Information Group at UB (MIG@UB). Department of Computer Science and Engineering, University of Bridgeport.

- Developing algorithms for social media data mining and user profiling with PSU.
- Design and implementing automatic content analysis for video surveillance system.
- Developing algorithms for locating web-scale images and videos.
- Working on multimedia database, data mining, and video processing.

Research Member, Aug. 2015 – Present.

Department of Computer Science, Faculty of Education, University of Sebha, Ubari, Libya.

Research Member, Mar. 2018 – Present.

Department of Electrical and Computer Engineering, School of Engineering Sciences, The Libyan Academy, Tripoli Libya.

PUBLICATION

Journals

1. **Mohammed Eltahir** and Jeongkyu Lee, “User Profiling of Flickr: Integrating Multiple Types of Features for Gender Classification,” *Journal of Advances in Information and Technology*, Vol. 6, No. 2, pp. 84-87, May, 2015. doi:10.12720/jait.6.2.84-87.
2. **Mohammed Eltahir**, Jeongkyu Lee. “Social User Mining: Survey on Mining Different Types of Social Media Data,” *International Journal of Multimedia Data Engineering and Management (IJMDEM)*, Vol. 4(4): 58-70, 2013.

Refereed Conference Papers

1. **Mohammed Eltahir** and Jeongkyu Lee. “User Profiling of Flickr: Integrating Multiple Types of Features for Gender Classification,” *International Conference on Software and Information Systems (ICSIS 2015)*, Las Vegas, NV, May 2015.

2. **Mohammed Eltaher**, Yawei Yang and Jeongkyu Lee. Gait-Based Gender Classification Using Kinect Sensor. Proc. of the 2015 National ASEE conference, pp. 26.808.1 - 26.808.11, Seattle, WA, June 2015.
3. **Mohammed Eltaher** and Jeongkyu Lee. "User Profiling of Flickr: Integrating Multiple Types of Features for Gender Classification," Proc. of the 2014 ASEE Zone I conference, Bridgeport, CT, 2014.
4. **Mohammed Eltaher**, Haiyang Wang, Jeongkyu Lee, "Motion Detection Using Kinect Device for Controlling Robotic Arm," Proc. of the 2013 ASEE Zone I conference, Northfield, VT, 2013.
5. Hau-Wen Chang, Dongwon Lee, **Mohammed Eltaher**, Jeongkyu Lee, "@Phillies Tweeting from Philly? Predicting Twitter User Locations with Spatial Word Usage," In IEEE/ACM Int'l Conf. on Advances in Social Networks Analysis and Mining (ASONAM), Istanbul, Turkey, 111-118, August 2012.
6. Skander Benayed, **Ali Eltaher Mohammed**, and Jeongkyu Lee. "Developing Kinect-Like Video Motion Detection using Canny Edge Detector," Proceeding of 2012 New England American Society for Engineering Education Conference, Lowell, MA, April 27-28, 2012.
7. **Mohammed Eltaher**, Shuyang Li and Jeongkyu Lee. Then and Now Map, 2011 UB Faculty Research Day, Bridgeport, CT, February 11, 2011.