

6 October City, Giza, Egypt

Mob Phone: 01067399353

E-mail: k.elbedweihy@dcs.shef.ac.uk

k.elbedweihy@gmail.com

<http://staffwww.dcs.shef.ac.uk/people/K.Elbedweihy/>

https://www.researchgate.net/profile/Khadija_Elbedweihy

Khadija Mohamed Elbedweihy

Education

Ph.D. from the Organisations, Information and Knowledge group at the Department of Computer Science of The University of Sheffield. Supervisor: Professor Fabio Ciravegna. (Very Minor Corrections), June 2014

Courses taken on the route of Masters degree, College of Basic Sciences (Computer Science Department), Louisiana State University. Courses: Machine Learning, Programming Language Structures, Computer Architecture. GPA: 4.0, Rank: FIRST, May 2009

Bachelor Degree of Computer Science, Faculty of Computers and Information – Cairo University, May 2008. Major : Computer Science, Minor : Information Systems, GPA: 3.92, Excellent degree, Class Honour, Rank: FIRST, May 2008.

Secondary Stage certificate, Misr Language School, June 2004.

Research Interests

My research interests lie in the area of improving search over the semantic web, querying Linked Data, ontologies development and matching, natural language processing and information retrieval. My PhD work was more focused on user-oriented aspects such as usability of semantic search approaches and how they are perceived by different types of users. The motivation is to progress research and development in providing tools which really cater for different preferences and needs and understand users' requirements.

Teaching

Participated with my colleagues in organizing and running a tutorial at EKAW-2010 (Knowledge Engineering and Knowledge Management by the Masses, http://oak.dcs.shef.ac.uk/ekaw_2010_ka_from_sna_tutorial/).

Demonstrated for a computer science module "The Intelligent Web" (Spring 2011, Spring 2012), which is trying to get the students familiar with the concepts of the Semantic Web, Linked Data and the associated models, tools and technologies such as RDF, DBPedia, Ontologies as well as SPARQL.

Demonstrated for a computer science module "Com 262: Data Structures and Algorithms" (fall 2010, fall 2011), which was useful for me as a practice and experience for both programming and designing applications.

Teacher Assistant in Faculty of Computers and Information, Cairo University, helped in preparing course materials, giving lectures and demonstrations.

Instructor for an Object Oriented Programming Course at the faculty of computers and information held by CS-math Society - summer 2006.

Publications

Khadija Elbedweihy, Stuart N. Wrigley, Victoria Uren, and Fabio Ciravegna. Semantic Search Approaches: State-of-the-Art Survey (Submitted to the Knowledge Engineering Review Journal, February 2014).

Khadija M. Elbedweihy, Stuart N. Wrigley, Paul Clough, and Fabio Ciravegna. An Overview of Semantic Search Evaluation Initiatives. (Revisions submitted to the Journal of Web Semantics, May 2014).

Elbedweihy, Khadija; Mazumdar, Suvodeep; Wrigley, Stuart; Ciravegna, Fabio. (2014). NL-Graphs: A Hybrid Approach toward Interactively Querying Semantic Data (Incollection). The Semantic Web: Trends and Challenges, pp. 565–579, Springer International Publishing, 2014. (Second best research paper).

K. Elbedweihy, S.N. Wrigley, F. Ciravegna, and Z. Zhang (2013). Using BabelNet in bridging the gap between natural language queries and linked data concepts. NLP & DBpedia Workshop, 12th International Semantic Web Conference (ISWC2013), 21-25 October, Sydney, Australia.

Mazumdar, Suvodeep; Petrelli, Daniela; Elbedweihy, Khadija; Lanfranchi, Vitaveska; Ciravegna, Fabio (2014). Affective Graphs: The Visual Appeal of Linked Data (Article). Semantic Web -- Interoperability, Usability, Applicability, 2014.

K. Elbedweihy, S.N. Wrigley, F. Ciravegna (2012). Evaluating Semantic Search Query Approaches with Expert and Casual Users. Evaluations and Experiments Track, 11th International Semantic Web Conference (ISWC2012), November 11-15 2012, Boston, USA. [track acceptance 23%]

K. Elbedweihy, S.N. Wrigley, F. Ciravegna (2012). Improving Semantic Search using Query Logs Analysis. Interacting with Linked Data (ILD 2012) Workshop. Located at the 9th Extended Semantic Web Conference, May 27-31 2012, Heraklion, Crete, Greece.

K. Elbedweihy, S.N. Wrigley, F. Ciravegna, D. Reinhard and A. Bernstein (2012). Evaluating semantic search systems to identify future directions of research. International Workshop on Evaluation of Semantic Technologies (IWEST 2012) Workshop (Best Student Paper). Located at the 9th Extended Semantic Web Conference, May 27-31 2012, Heraklion, Crete, Greece.

K. Elbedweihy, S. Mazumdar, A. E. Cano, S. N. Wrigley and F. Ciravegna (2011). Identifying Information Needs by Modelling Collective Query Patterns. Consuming Linked Data Workshop (COLD 2011). Located at the 10th International Semantic Web Conference (ISWC2011), October 23-27 2011, Bonn, Germany. Proc. CEUR-WS.org Vol-782.

S. Mazumdar, K. Elbedweihy, A. E. Cano, S. N. Wrigley and F. Ciravegna (2011). SEMLEX - A Framework for Visually Exploring Semantic Query Log Analysis. Poster and Demonstration Session, 10th International Semantic Web Conference (ISWC2011), October 23-27 2011, Bonn, Germany [acceptance 56%].

S.N. Wrigley, K. Elbedweihy, D. Reinhard, A. Bernstein and F. Ciravegna (2010). Evaluating semantic search tools using the SEALS platform. International Workshop on Evaluation of Semantic Technologies (IWEST 2010) Workshop. Located at the 9th International Semantic Web Conference (ISWC2010), November 8th, Shanghai, China. Proc. CEUR-WS.org Vol-666.

S.N. Wrigley, D. Reinhard, K. Elbedweihy, A. Bernstein and F. Ciravegna (2010). Methodology and campaign design for the evaluation of semantic search tools. Semantic Search 2010 Workshop. Located at the 19th Int. World Wide Web Conference WWW2010. [acceptance 55%]. Published in ACM Digital Library.

Languages

Arabic: Mother tongue.

English: Excellent reading, listening and writing skills.

French: Learning.

Conceptual knowledge

Good understanding of the Object Oriented Concepts.

Good understanding of the Concepts of programming languages

Good understanding of the Semantic Web and Linked Data concepts, tools and technologies.

Good understanding of Software Engineering Concepts and Methodologies.

Leader, Logical thinker and Problem solver

Personal skills

Fast learner, seeking challenge, and self motivated

Ability to work in a team or individually according to task requirements.

Great ability to work under pressure.

Personal information

Marital status: Married

Nationality: Egyptian

Date of birth: 26-12-1986

References

Furnished upon request.