

4 AbdelAziz Elgendy Street, Zefta,  
Gharbia, Egypt  
Phone: 01118557802

## Eman M. G. Younis

### Education

**Doctor of Philosophy, Informatics**, CARDIFF UNIVERSITY, Cardiff, UK, 2009-2013.

Thesis Title: "**Hybrid Geo-spatial Query Processing on the Semantic Web**"

**Master of Science, Information Technology**, Menoufia UNIVERSITY, EGYPT, 2004-2007, awarded

• Thesis Title: "**Automatic Web Page Classification with Data Mining Techniques**"

**Bachelor of Science, INFORMATION SYSTEMS & TECHNOLOGY**, Zagazig University, Zagazig, Egypt 1998-2002

• Very good with honor, GPA: 82.5%.

### Research Interests

Geographic Information Systems, Data Mining, Text Mining, Web Mining, Information Retrieval, Semantic Web, Geospatial query processing, Geospatial data analysis, Geographic Question Answering systems, Analysis and quantifying Qualitative spatial information, Sensor data analysis, Machine Learning, Deep Learning, Emotion Recognition, Data analytics.

### Publications

- Eiman Kanjo, Eman M.G. Younis, Nasser Sherkat, "Towards unravelling the relationship between on-body, environmental and emotion data using sensor information fusion approach, *Information Fusion*", Volume 40, 2018, Pages 18-31, ISSN 1566-2535.
- Lulwah Al-barrak, Eiman Kanjo & Eman M.G. Younis, "NeuroPlace: Categorizing Urban Places According to Mental States", *Plos One*, 12, Sep, 2017.
- Eiman Kanjo, Eman Younis, Jim Ang and Omar Costilla, "Deep Learning Analysis of Physiological, Environmental and Location Sensor Data for Human Emotion Detection in the wild's", *IEEE Transaction on Knowledge and Data Mining*, in submission, 2017.
- Eiman Kanjo, Eman Younis, "Sense of Place: Understanding Place Impact on Wellbeing using GeoSpatialMultiSensor Data Analysis", *International Journal of Health Geographics*, under submission, 2017.
- Faiza Guerrache, Eman M.G. Younis, and Eiman Kanjo. 2016. Quantifying Environmental Noise impact on Heart Rate Variability. In *Proceedings of the 8th EAI International Conference on Mobile Computing, Applications and Services (MobiCASE'16)*, Cambridge UK.
- Younis, E. M., Jones, C. B., Tanasescu, V., & Abdelmoty, A. I. (2012,

September). Hybrid geo-spatial query methods on the Semantic Web with a spatially-enhanced index of DBpedia. In *International Conference on Geographic Information Science* (pp. 340-353). Springer Berlin Heidelberg.

- Younis, E. M. (2015). Sentiment Analysis and Text Mining for Social Media Microblogs using Open Source Tools: An Empirical Study. *International Journal of Computer Applications*, 112(5).

### **Research Experience**

**Researcher**, Computing and Technology, Nottingham Trent University, 2015-2017  
Machine Learning, Emotion Recognition, Sensor data Analysis, Data analytics.

**Research Assistant**, Computer Science School, Cardiff University, Cardiff, 2009 - 2013  
PhD research in using semantic web resources for answering geo-spatial questions and geo-spatial query processing.

**Research Assistant**, Computer Science School, Menoufia University, Egypt, 2004 - 2007  
Master research in utilizing data mining techniques in classifying web pages using multiple criteria.

### **Teaching Expertise**

- 1 Teaching Assistant, Faculty of Computers and information, Information systems Department, Minia University, Egypt 2003-2009.
- 2 Teaching Assistant, Faculty of Computer Science & Informatics, Cardiff University 2011-2012.
- 3 Lecturer, Faculty of Computers and information, Information Systems Department, Minia University, Egypt 2014.

## **Technical Skills**

### **Operation Systems**

- Dos, Windows: 98, ME, XP, 7, 10 and Linux

### **Programming Languages**

- C
- C++
- Visual Basic
- Visual C#.NET
- Pascal
- Java
- Python

### **Web Development & Design:**

- HTML
- ASP
- ASP. Net (using C#)

### **Database Programming:**

- Access
- Visual C# (ADO.net)

- SQL oracle certified
- SQL Server
- PostgreSQL and PostGis spatial extensions
- Oracle 7, 10g certified

### **Multimedia and Graphics:**

- Photoshop
- Corel Draw7
- Corel Paint
- Flash.
- Director 8

### **GIS and statistical analysis Tools**

- Quantum GIS
- ARCGIS
- R packages for statistical analysis
- Spss

### **Languages**

Arabic: Excellent mother tongue.

English: Excellent IELTS 6.5 Listening: 7, Reading: 7, Speaking: 6, Writing: 6

French: Basic

### **References**

Dr Eiman Kanjo

Lecturer/Senior Lecturer

School of Science & Technology

**Email:** eiman.kanjo@ntu.ac.uk

**Phone:** +44 (0)115 848 4820

Dr A.I. Abdelmoty, Computer Science & Informatics,  
Cardiff University,  
Queen's Buildings,  
5 The Parade, Roath,  
Cardiff CF24 3AA, UK

**Email:** A.I.Abdelmoty@cs.cardiff.ac.uk

**Phone:** +44 (0) 29 20874751

**Fax:** +44 (0) 29 20874598