

Ibrahim Eldesouky Fattoh

Assistant Professor: Faculty of Computers and Artificial Intelligence,
Beni-Suef University, Egypt.



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Academic Qualifications

▶ **Ph.D.** in Computer Science: “March 2015”

Helwan University, Faculty of Computers and Information Systems,
Computer Science Department

- Thesis title: “**Automatic Question Generation**”
- Supervisors:

Prof. Dr. Mohammed Haggag

Assoc. prof. Amal Aboutabl

▶ **Ph.D.** Qualification: “January 2011”.

Helwan University, Faculty of Computers and Information Systems,
Computer Science Department.

▶ **M.Sc.** in Computer Science: “June 2009”.

Helwan University, Faculty of Computers and Information Systems,
Computer Science Department

- **Thesis Title:** “**Supervised Immune System for Information Filtering**”.
- **Supervisors:**

Prof. Dr. Ebada Sarhan

Assoc. Prof. Mohammed Haggag

▶ Pre- Master: “May 2005”

Helwan University, Faculty of Computers and Information Systems,
Computer Science Department

▶ Bachelor of computers and information systems, computer science Dept.,

Helwan University, may 2003.

Grade: Very good with honor.

Rank : 7

Work Experience

- ▶ Assistant Professor “December 2015 - Now”
Beni-Suef University, Faculty of Computers and Information Systems, Computer Science Department.
- ▶ Assistant Professor “February 2015 – December 2015”
Misr University for Science and Technology, Faculty of Information Technology, Computer Science Department.
- ▶ Lecturer Assistant “August 2009 – January 2015”
Misr University for Science and Technology, Faculty of Information Technology, Computer Science Department.
- ▶ Demonstrator “March 2004 – August 2009”
Misr University for Science and Technology, Faculty of Information Technology, Computer Science Department.
- ▶ Demonstrator “September 2003 – March 2004”
El-Gezera Academy for computers and management information systems,
Elmoqatam, Cairo, Egypt.

Additional Work Experience

- ▶ Part-timer “Consultant at the Ministry of Communications and Information Technology”
- ▶ Part-timer Assistant Professor at Helwan University
- ▶ Part-timer Assistant Professor at Medical Informatics Fellowship
- ▶ Part-timer Assistant Professor at MSA University
- ▶ Part-timer Assistant Professor in Future University in Egypt
- ▶ Part-timer Assistant Professor at AASTMT
- ▶ Part-timer Assistant Professor at Ahran Canadian University
- ▶ Part-timer Assistant Professor at Canadian International College “CIC”
- ▶ Part-timer Assistant Professor at Misr University for Science and Technology “MUST”

Publications

1. **Ibrahim Eldesouky Fattoh**, Fahd Kamal Alsheref, Waleed M. Ead, Ahmed Mohammed Yousef (2022), **Semantic Sentiment Classification for COVID19 Tweets using Universal Sentence Encoder**, Computational Intelligence and Neuroscience, Vol. 2022, Article ID 6354543 .
2. Fahd Kamal Alsheref, **Ibrahim Eldesouky Fattoh**, Waleed M. Ead (2022) **Automated Prediction of Employee Attrition using Ensemble Model based on Machine Learning Algorithms**, Computational Intelligence and Neuroscience, Vol. 2022, Article ID 7728668. <https://doi.org/10.1155/2022/7728668>
3. **Ibrahim Eldesouky Fattoh**, Soha Safwat (2022), **Prediction of Diabetic Obese Patients using Fuzzy KNN Classifier based on Expectation Maximization, PCA, and SMOTE Algorithms**, International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 13, No. 1, 2022
4. **Ibrahim Eldesouky Fattoh**, Farid Ali Mousa, Soha Safwat (2021), **Converting Cumulative Grade Point Average to an Equivalent Percentage Value Based on a Fuzzy Logic**, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 24, No 3, December 2021.
5. Farid Ali Mousa, **Ibrahim Eldesouky Fattoh (2021)**, **Hybrid Chicken Swarm Optimization (CSO) and Fuzzy Logic (FL) model for Handling Imbalanced Datasets**, International Journal of Intelligent Engineering and Systems (IJIES), Vol. 14, No. 6, 2021, DOI: 10.22266/ijies2021.1231.02
6. **Ibrahim Eldesouky Fattoh**, Farid Ali Musa (2021), **Fake News Detection Based on Word and Document Embedding using Machine Learning Classifiers**, Journal of Theoretical and Applied Information Technology, Vol. 99, No. 8, Issn. 1992-8645
7. Farid Ali Mousa, **Ibrahim Eldesouky Fattoh (2021)**, **A Novel Machine Learning Model for Assisting People with Motor Deficiencies**, Journal of Southwest Jiaotong University 56 (1), 13, DOI : 10.35741/issn.0258-2724.56.1.24. <http://www.jsju.org/index.php/journal/article/view/814>
8. Fahd Kamal Alsheref, **Ibrahim Eldesouky Fattoh**, **Medical Text Annotation Tool based on IBM Watson Platform**, (2020) *6th International Conference on Advanced Computing and Communication Systems (ICACCS)*, Coimbatore, India, 2020, pp. 1312-1316, doi: 10.1109/ICACCS48705.2020.9074309.
9. **Ibrahim Eldesouky Fattoh**, Amal E. Aboutabl, Mohamed H. Haggag (2015), **Semantic Question Generation using Artificial Immunity**, IJMECS Vol.7, No. 1, January 2015, DOI: 10.5815/ijmeecs.2015.01.01. www.mecs-press.org/ijmeecs/ijmeecs-v7-n1/IJMECS-V7-N1-1.pdf
10. **Ibrahim Eldesouky Fattoh**, Amal E. Aboutabl, Mohamed H. Haggag (2014), **Tapping into the Power of Automatic Question Generation**, International Journal of Computer Applications 103(1):1-6 October 2014, DOI: 10.5120/18035-7636. <http://research.ijcaonline.org/volume103/number1/pxc3887636.pdf>

11. **Ibrahim Eldesouky Fattoh**, Amal E Aboutabl, Mohamed H.Haggag (2014), **Semantic Attributes Model for Automatic Generation of Multiple Choice Questions**, International Journal of Computer Applications 103(1):18- 24, October 2014, DOI: 10.5120/18038-8544.
<http://research.ijcaonline.org/volume103/number1/pxc3898544.pdf>
12. **Ibrahim Eldesouky Fattoh** (2014), **Automatic multiple choice question generation system for semantic attributes using string similarity measures**, Computer Engineering and Intelligent Systems.
13. **Ibrahim Eldesouky Fattoh** (2014),**Semantic Based Automatic Question Generation using Artificial Immune System**, Computer Engineering and Intelligent Systems
14. M. H. Haggag, **I.E. Fattoh**, (2009), **Artificial Immune System for Spam Filtering**, **IJICIS, Vol. 9, No. 2, 2009**

Managerial and consultation positions

- Technical consultant for Egyptian Cultural Gate project at the Ministry of Communications and Information Technology “June 2020 –Now”
- Director of Quality Assurance Unit, Faculty of Computer and Information University of Beni Suef. “January 2016- March 2021”
- Acting Vice Dean for Graduate Studies, Faculty of Information Technology - Misr University for Science and Technology “October 2015 – December 2015”

Skills

► Conceptual knowledge

- Natural Language Processing
- Object Oriented Concepts
- Programming Concepts
- Information Retrieval Concepts
- Algorithm Analysis and Design Concepts
- Operating Systems Concepts
- Computer Architecture Concepts
- Networking Concepts
- Software Engineering Concepts
- Artificial Intelligence Concepts
- Soft Computing Concepts
- Database Design Concepts and fundamentals
- Computer Security Concepts
- Machine Learning

► Additional Skills

- Self-Management
- Team Management
- Communication Skills
- Time Management

Research Interests

- Artificial Intelligence
- Natural Language Processing
- Deep Learning
- Machine Learning
- Data Mining
- Text Mining
- Text Similarity
- Computational Intelligence
- Semantic Network Analysis
- Signal Processing

Personal Details

- ▶ **Date of birth** : 26th October 1981.
- ▶ **Gender** : Male.
- ▶ **Marital** : Married.
- ▶ **Nationality** : Egyptian.
- ▶ **Religion** : Muslim.