

Dr. MOHAMMED ABDALLA MAHMOUD YOUSSEF

Currently, **Dr. MOHAMED ABDALLA** is an Assistant Professor at Beni-Suef University, Faculty of Computers and Artificial Intelligence. Mohammed's fields of interest are Data Warehousing, Data Mining, Data Science, and Location Based Services. Mohammed had earned his PhD and Masters in the field of Computer Science and Engineering. Mohammed taught multiple classes during her job as an Assistant Professor like Data Mining, Machine Learning, Information Assurance, and Systems Artificial Intelligence, data communications, and wireless communications.

PERSONAL DATA

E-MAIL:	mohammed.a.youssif@fcis.bsu.edu.eg
Mobile Phone:	+2 01001656577
Date of Birth:	8-january-1988
Nationality:	Egyptian
Military Service:	Exempted
HOME ADDRESS:	108 Magless AL Ommah St., AL Saida Zainab, Cairo, Egypt

EDUCATION

School: Primary, preparatory and Secondary stages in El- Masra School
Sep, 1992 to Jun, 2004.

College: - Bachelor Degree of Computer Science, 2008
Faculty of Computer Science and Information Systems, Cairo University.

Master Degree, Cairo University with subject "A Unified Approach for Spatial Data Query". 2014

Ph.D degree, Cairo University with subject "Predictive Queries on Moving Object Databases". 2020

Certificates

- ERP Certificate from Oracle
- Ethical Conduct and Code of Ethics
- University Management
- University Legal and Financial Aspects
- International Publishing of Research
- IBM Predictive Analytics Modeler 2018 Mastery Exam
- Quality Standards in Teaching
- Use of Technology in Teaching
- SAS Programming 1: Essentials
- SAS Programming 2: Data Manipulation Techniques
- Soft skills Certificates from ITI
 - Communication Skills

- Presentation Skills
- Time & Stress Management

Published Scientific Papers

- “A Unified Approach for Spatial Data Query”, published on International Journal of Data Mining & Knowledge Management Process, 2013
- “SimilarMove: Similarity-based Prediction for Moving Object Future Path”, Published on the 2nd ACM SIGSPATIAL Workshop Conference, 2019
- “DeepMotions: A Deep Learning System For Path Prediction Using Similar Motions.”, published on IEEE Access Journal, Volume 8, 2020
- “HarmonyMoves: A Unified Prediction Approach for Moving Object Future Path”, published on International Journal of Advanced Computer Science and Applications, Volume 11, 2020
- “Crisis Management Art from the Risks to the Control: A Review of Methods and Directions”, published on Information, Volume 12, January 2021
- “TraceAll: A Real-Time Processing for Contact Tracing Using Indoor Trajectories”, published on Information, Volume 12, May 2021.
- “A Holistic Spatial Platform for Managing Infectious Diseases, Case Study on COVID-19 Pandemic”, 2021 IEEE International Conference on Big Data (Big Data)
- “The Impact of using Wireless Sensors Technology Methods on Precision Agriculture: A Review”, Advanced Engineering Technology and Application, 2022
- “Methods and Directions of Contact Tracing in Epidemic Discovery”, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 13, No. 6, 2022
- “Spatio-Temporal Outlier Detection: Methods, Applications, and Research Directions”, Emerging Trends, Techniques, and Applications in Geospatial Data Science, 2023
- **Research Project:** June– December 2020: A fast track research project for "Monitoring, Surveillance, and Crisis Management System for the COVID-19 Pandemic". The project number was "5-20-01-007-0006". It was funded by King Abdulaziz City for Science and Technology (KACST).

COMPUTER AND PROGRAMMING SKILLS

Programming Languages and Development Tools	<ul style="list-style-type: none">▪ Agile Development (Scrum)▪ EJB3▪ Spring boot.▪ Spring Technology▪ ActiveMQ▪ Mongo DB Clustering.▪ Programming with ArcObjects 9.3 APIs▪ ArcMap9.3▪ Git LAB▪ JSP & Servelets▪ Java Web Components.▪ EJB 3 (Java Business Components).▪ Struts Framework▪ JDBC▪ MS SQL server.▪ Rational Rose▪ UML▪ Oracle E-Business Suite▪ TensorFlow▪ Ngnix▪ Linux
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