

Saad Abd Elhameed Saad

Contact Information

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Address: 4 Al-Horeya street, Moneeb, Giza



Personal Information

Date of Birth: 14/ 11/ 1989

Nationality: Egyptian

Languages: Arabic (native), English (very good command).

Marital Status: Married

Military Status: Exemption.

Education

PhD Student, Faculty of Computer, and Information Sciences Dec 2022
Ain Shams University Cairo, Egypt
Department of Information Systems, Faculty of Computers, and Information Sciences
"An Efficient Privacy Preserving Data Mining Approach Using Data Anonymization".

M.Sc. in Computer and Information Sciences May 2016 – Jan 2018
Ain Shams University Cairo, Egypt
Department of Information Systems, Faculty of Computers, and Information Sciences
"A Privacy Preservation Publishing Approach in Big Data Streams".

B.Sc. in Computer and Information Sciences Sep 2008 – Jul 2012
Ain Shams University Cairo, Egypt
Department of Information Systems, Faculty of Computers, and Information Sciences
Very Good with Honors.

Publications

- [1] **Saad A. Abdelhameed**, Sherin M. Moussa, and Mohamed E. Khalifa, "Privacy-Preserving Tabular Data Publishing: A Comprehensive Evaluation from Web to Cloud", Computers & Security, Elsevier, IF 5.105, pp. 74-95, 2018, DOI: [10.1016/j.cose.2017.09.002](https://doi.org/10.1016/j.cose.2017.09.002), 72.
- [2] **Saad A. Abdelhameed**, Sherin M. Moussa, and Mohamed E. Khalifa, "Enhanced Additive Noise Approach for Privacy-Preserving Tabular Data Publishing", In Intelligent Computing and Information Systems (ICICIS), 2017 IEEE Eighth International Conference on, pp. 284-291. IEEE, Cairo, 2017, DOI: [10.1109/INTELCIS.2017.8260076](https://doi.org/10.1109/INTELCIS.2017.8260076)

- [3] **Saad A. Abdelhameed**, Sherin M. Moussa, and Mohamed E. Khalifa, "Restricted Sensitive Attributes-based Sequential Anonymization (RSA-SA) Approach for Privacy-Preserving Data Stream Publishing", Knowledge-Based Systems, 164, pp. 1-20, Elsevier, IF 8.139, 2019, DOI: [10.1016/j.knosys.2018.08.017](https://doi.org/10.1016/j.knosys.2018.08.017).
- [4] **Saad A. Abdelhameed**, Sherin M. Moussa, N. L. Badr, and Mohamed E. Khalifa, "The Generic Framework of Privacy Preserving Data Mining Phases: Challenges & Future Directions," 2021 Tenth International Conference on Intelligent Computing and Information Systems (ICICIS), 2021, pp. 341-347, DOI: [10.1109/ICICIS52592.2021.9694174](https://doi.org/10.1109/ICICIS52592.2021.9694174)
- [5] **Saad A. Abdelhameed**, Alshaimaa Abo-Alian, Tamer Abdelkader, and Nagwa Badr. "Evaluating Privacy-Level Metrics in Privacy-Preserving Data Mining." International Journal of Intelligent Computing and Information Sciences 24, no. 4 (2024): 43-59, DOI: [10.21608/ijicis.2025.332711.1361](https://doi.org/10.21608/ijicis.2025.332711.1361).
- [6] **Saad A. Abdelhameed**, Alshaimaa Abo-Alian, Tamer Abdelkader, and Nagwa L. Badr, "An Efficient Hybrid Decision Tree-Black Hole Algorithm for High-Utility K-Anonymity," 2025 Twelfth International Conference on Intelligent Computing and Information Systems (ICICIS), Cairo, Egypt, 2025, pp. 341-349, DOI: [10.1109/ICICIS66182.2025.11313119](https://doi.org/10.1109/ICICIS66182.2025.11313119).

Teaching Experience:

**Assistant Lecturer – Institute of National Planning
Planning Techniques Center**

**May 2021 – Present
Cairo, Egypt**

**Assistant Lecturer – The Egyptian Chinese University
Faculty of Engineering and Technology**

**Oct 2016 – Dec 2020
Cairo, Egypt**

Department of Software Engineering and Information Technology

Teaching Assistant for Engineering Computations, Programming Language 1, Programming Language 2, Digital Logic Design, Data Structures and Algorithms, Object Oriented Programming, Computer Architecture, Design and Analysis of Algorithms, Artificial Intelligence, Software Engineering II, Computer Skills, and Information Technology courses.

**Teaching Assistant – Future Academy
Department of Computer Sciences**

**Nov 2013 – Sep 2016
Cairo, Egypt**

Teaching Assistant for Introduction to Computers, Logic Programming, System Analysis and Design, System Programming Language 1, Programming Language 2, Data Mining, Software Engineering 1, Software Engineering 2, Probabilities and Statistics, Expert Systems, Digital Logic Design, and Database 1 courses.

I participated in the Control work for 2 years.

Group based Research.

- [1] M. Maged Khashaba, **Saad A. Abdelhameed**, .et, "Biotechnology Applications to Support Sustainable Development in Egypt", Planning and Development Issues Series, Institute of National Planning, 2022, <http://repository.inp.edu.eg/handle/123456789/5151>.
- [2] Basmah Elhaddad, **Saad A. Abdelhameed**, .et, "Clusters of the ICT Sector in Egypt: Challenges and Opportunities", Planning and Development Issues Series, Institute of National Planning, 2022, <http://repository.inp.edu.eg/handle/123456789/5146>.

- [3] Basmah Elhaddad, **Saad A. Abdelhameed**, .et, “Enhancing the Resilience of the Egyptian Economy in Facing Crises”, Planning and Development Issues Series, Institute of National Planning, 2023.
- [4] Heba Gamal, **Saad A. Abdelhameed**, .et, “The Afrocentric Movement and its Future Impacts on Egypt, Expected Scenarios and Possible Policies to Support Decision Makers”, Planning and Development Issues Series, Institute of National Planning, 2024, <https://repository.inp.edu.eg/handle/123456789/5480>.
- [5] Igala Rateb, **Saad A. Abdelhameed**, .et, “The Role of Some Productive and Service Sectors to Achieve the Export Target Till 2030”, Planning and Development Issues Series, Institute of National Planning, 2025, <https://repository.inp.edu.eg/handle/123456789/6170>
- [6] Heba Gamal, **Saad A. Abdelhameed**, .et, “The Role of Think Tanks in Light of Global Changes”, Planning and Development Issues Series, Institute of National Planning, 2025, <https://repository.inp.edu.eg/handle/123456789/6166>

Key Skills

Languages: C#, C++, Java, Python.

Databases: SQL Server, Oracle Suite.

Software: MS Visual Studio, Rational Rose, MS Office, Visual Paradigm, Python Charm IDE.

Business Field Experience:

Support and Moderation Agent / Quality Assurance Bekam.com (Avito Egypt)	Feb 2013 – Oct 2013 Cairo, Egypt
IT Specialist / Helpdesk Engineer AlMorsy for Real Estate	Nov 2012 – Jan 2013 Cairo, Egypt
IT Specialist / Helpdesk Engineer Elbostan Mall (During studying at the University).	Aug 2008 – Nov 2012 Cairo, Egypt

Related Experience

- 9 years of experience as a Computer Sciences / Information Systems Teaching Assistant.
 - 10 Years of experience as a scientific researcher.
 - 1 Year of experience as a Quality Assurance Engineer.
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Research Interests

Information and Data Security	Privacy Preservation
Big Data Privacy and Publishing	Privacy Preservation Data Mining
Artificial Intelligence	Big Data Management and Manipulation
Data Mining and Machine Learning	

Profiles Links

Google Scholar Profile:

<https://scholar.google.com/citations?user=dVTs7XoAAAAJ&hl=en&authuser=1>

Linked In Profile:

<https://www.linkedin.com/in/saad-abd-elhameed-6239b189/>

Training & Workshops Experience

- Attended a training course entitled “Introduction to critical thinking for faculty staff”, Future Academy, 1 – 9 April 2014.
 - Participated “How to build a resilience mobile cloud computing system for research and education” workshop held at academy of scientific research and technology, Cairo, Egypt, 16 – 17 May 2017.
 - Participated and presented a paper in the proceedings of the IEEE Eighth International Conference on, Cairo, December 2017.
 - Attended a diploma in Planning and Sustainable Development, Institute of National Planning, Cairo, Egypt, 1 September – 31 October 2021.
 - Participated and presented a paper in the proceedings of the IEEE Tenth International Conference on, pp. 284-291. IEEE, Cairo, December 2021.
 - Attended a training program entitled “Digital Transformation and Sustainable Development Issues”, Arab Planning Institute, Kuwait, Kuwait, 13 November – 17 November 2022.
 - Participate in the training program entitled "Data Management and Analysis: Applications in Practical Life", Institute of National Planning, Cairo, 2023.
 - Attended “The Cyber and Information Security Exhibition and Conference (CAISEC 23)”, Cairo, Egypt, 2023.
 - Attended a workshop entitled “Entrepreneurship and Digital Innovation (EDI)”, Institute of National Planning, Cairo, 2023.
 - Attended “the Institute of National Planning International Conference on Governance and Sustainable Development”, Cairo, Egypt, 2023.
 - Participated in a training program entitled “Data Management and Analysis: Real Life Applications”, Institute of National Planning, Cairo, 2023.
 - Attended a training program entitled “AI and Data Analytics”, Institute of National Planning, Cairo, 2023.
 - Attended “the Institute of National Planning International Conference on Health and Sustainable Development”, Cairo, Egypt, 2024.
 - Attended “the Institute of National Planning International Conference on Innovation and Sustainable Development”, Cairo, Egypt, 2025.
 - Attended a training program entitled “Artificial Intelligence (AI) and Sustainable Development Issues”, Arab Planning Institute, Kuwait, Kuwait, 2 November – 7 November 2025.
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Professional Training & Facilitation Experience

- Lead Trainer – “Database Management Using SQL Server” program for the students of the Faculty of Science, Ain Shams University, and the Faculty of Girls, Suez University, Institute of National Planning, Cairo, 2022, 2023.
- Lead Trainer – “Digitalization and Digital Transformation” program for senior consultants, Ministry of Justice, Institute of National Planning, Cairo, 2024.
- Lead Trainer – “Digitalization and Digital Transformation” program for Deputy Ministers of Justice, Ministry of Justice, New Administrative Capital, Cairo, 2024.
- Lead Trainer – “Digitalization and Digital Transformation” program for executives and staff, National Population Council, Institute of National Planning, Cairo, 2024.

- Trainer – “Artificial Intelligence and Its Applications” program for executives and staff, National Population Council, session on Large Language Models (LLM) applications, Institute of National Planning, Cairo, 2024.
- Trainer – “Modern Fundamentals of Data Analysis” program for executives and staff, National Population Council, session on Data Analysis using Generative AI Models, Institute of National Planning, Cairo, 2024.
- Lead Trainer – “Digital Transformation and Document, Records, and File Management” program for executives and staff, National Population Council, Institute of National Planning, Cairo, 2024.

Graduation Project

GeoMarketing: Website includes a map that uses GIS technology to determine commercial stores in a certain area to know the latest offers provided by each store.

Grade: Excellent

Relevant Skills

- Studying and teaching computer science and information systems subjects.
- Systems analysis and design.
- Database management using Oracle and SQL.
- Quality assurance for system performance.
- Hardware and software troubleshooting.
- Very good use for computers and the Internet.

Personal Skills

- Ability to work in a team.
 - Ability to explain and deliver information.
 - Good analytical and problems solving skills.
 - Ability to learn new technologies fast.
 - Ability to adapt to a new environment.
 - Ability to work under pressure.
 - Dedication.
 - Communication skills.
 - Time management.
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Personal Interests

- Reading.
- Research on the Internet.
- Watching football matches.