

Bahaa Saif Alnasr Rabi Mohmed

1. Personal Information

- ❖ **Residence :**
- ❖ Apartment No. 1, Plot No. 43/58, The second neighborhood in the third district Beside National Bank of Egypt, Badr City, Cairo.
- ❖ **Country:** Egypt
- ❖ **Mobile:** +201113199870
- ❖ **Email:**
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b.mohammed50868@beng.bu.edu.eg
- ❖ **Birth Date:** 27 march. 1977.
- ❖ **Nationality:** Egyptian.
- ❖ **Religion:** Muslim.
- ❖ **Marital status:** Married, 4 Children.



2. Education Background

Degree	Educational institution	Project /Thesis	Scientific Appreciation	period
Bachelor of electrical Engineering (communication and electro physics Dept)	Faculty of engineering /Alexandria University	Project (Automatic feedback control system in Plane surveillance)	2.6/4	From 10/1994 To 5/1999
Master of Science in electrical engineering (communication and electronics Dept)	College of Engineering and Technology/ Arab Academy for Science and Technology	Thesis (Automatic Classification of Gastrointestinal Diseases Based on Machine Learning and Deep Learning Techniques)	3.46/4	From 10/2016 To 11/2020

Ph. D of Science in electrical engineering (communication and computer Dept)	Benha Faculty of Engineering /Benha University	Thesis (An Improved Diagnosis of Multi-Class Diseases Based on Various Deep Learning and Transfer Learning Techniques)	3.6/4	From 10/2021 To 07/2025
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3. Other Courses

Course	Donor institution	Graduation year	Certificate Link
Fundamentals of Digital Transformation	ITTU Benha University	2023	https://drive.google.com/file/d/1GQ3xYYIv_C4ULd-Udk5cT7qa4oWcaRF3/view?usp=sharing
TOEFL	Benha University TOEFL	2023	https://drive.google.com/file/d/1nTtIIYxILrlN73D0VyYX6cHdyYAd4C4c/view?usp=sharing
Introduction to Cybersecurity	Cisco Academy	2021	https://drive.google.com/file/d/1E9j0KGluDx4fn5U6X1uA7FSmHfQWCdmz/view?usp=sharing
CCNA V7 1) Enterprise Networking, Security, and Automation. 2) Introduction to Network. 3) Switching, Routing, and Wireless Essentials	Cisco Academy +October 6 university	2020	1) https://drive.google.com/file/d/1Lq_bSZ2w41DhKWIF4RdaSqE4TZqPrp6/view?usp=sharing 2) https://drive.google.com/file/d/1VNrFHfJd09oCEYhOgkxbvENS-ckUoyMA/view?usp=sharing 3) https://drive.google.com/file/d/1IMcpm7jc19eIRGnmtBb8B75zzKd3tytG/view?usp=sharing
HTML	www.sololearn.com	2019	https://www.sololearn.com/en/certificates/CT-UKT1UN70
CSS	www.sololearn.com	2019	https://www.sololearn.com/en/certificates/CT-ET0JGAYZ
JavaScript	www.sololearn.com	2019	https://www.sololearn.com/en/certificates/CT-TIMEWRZ
PHP	www.sololearn.com	2019	https://www.sololearn.com/en/certificates/CT-AXUWWUSW
SQL	www.sololearn.com	2019	https://www.sololearn.com/en/certificates/CT-F1SYQDMT
Java	www.sololearn.com	2019	https://www.sololearn.com/en/certificates/CT-DWLHFB02
Python Core	www.sololearn.com	2019	https://www.sololearn.com/en/certificates/CT-JSQDOKCM

4. Current jobs and Activities

Job Title	Institution	Responsibilities	Period	Notes
Researcher in applications of artificial intelligence in medical research	Research Center of Excellence at Benha University, CEPHEI Code (05145)	Applying Machine Learning for predicting and analysis the behaviour and effect of the Gut Microbiome in fat liver, fat pancreas, and heart disease.	From January /2024 To June/2025	<ul style="list-style-type: none"> • part-time • Hybrid (On-site, online)
Visitor instructor (Artificial Intelligence)	Navy College	Learning Artificial Intelligence and the Python programming language.	From September/2024 To September/2025	<ul style="list-style-type: none"> • part-time
Virtual Lecturer (Electronics and Engineering)	dfuniversity.org	1-dissertations committee advisory role 2-Lecturer responsibilities (preparing lectures & courses) 3-Assessing students and assisting them in academic research	From September /2023 To August /2026	<ul style="list-style-type: none"> • part-time • online https://dfuniversity.org/instructors/
Reviewer Member	Asian Journal of Research in Computer Science & Journal of Engineering Research and Reports	1-Good preparation of scientific articles appropriate to my research field and the directions of the publishing house. 2-Scientific review of scientific articles by publishers in my field of research specialization	From April /2023 To	<ul style="list-style-type: none"> • part time • online
Machine Learning & Network Instructor	Lip Courses	1- Preparing lectures for students on the basics of Machine Learning & Network material according to approved references. 2-Training students to perform computer maintenance and create networks in terms of practical setup, discovering faults and how to fix them.	From April /2023 To	<ul style="list-style-type: none"> • part time • online https://www.facebook.com/people/LiP-Courses/100063749454666/

5. Previous jobs

Job Title	Institution	Period	Notes
Network & Computer Science Instructor	Misr International Computer Academy (MICA)	From September /2022 To July /2023	Full time (on site) http://www.micaegypt.com/
Network Instructor	American Academy for Training courses Egypt (AATC)	From September /2022 To July /2023	part time (on site) https://www.americanacademyeg.com
Lecturer Network & Computer Science	Faculty of information & computer and artificial intelligence /October 6 university	From September /2019 To July /2020	part time (on site)
Officer Communication Engineer	Air Defense Forces	From July /1998 To August /2018	Full time (on site)
Missile Radar Communication systems instructor	Air Defense Institute/ Air Defense Forces	From July /2005 To January /2010	Full time (on site)

6. List of Publications

1. **B.S. Rabi**, Obatala, M.S. Zaghaloul and M.Sharks, 2019 "Automatic Classification Of Gastrointestinal Diseases Based On Machine Learning Techniques", in proceedings of the 29th International Conference for Computer Science and Applications, Arab Academy For Science and Technology, Alex, Egypt.
2. A.R. Ragab, **B.S. Rabi** and M.I. Moussa, 2020, "A New Approach for Unmanned Aerial Vehicle for Sterilizing Cities from Covid-19Virus", International Journal on Emerging Technologies, Vol 11, issue (4). pp.503- 509.
3. **S., Bahaa.**, S., Ayman. , A., Wael. A Comprehensive Survey on AlexNet improvements and fusion techniques. Fusion: Practice and Applications, vol. , no. , 2025, pp. 123-146. DOI: <https://doi.org/10.54216/FPA.170210>.
4. **Rabi, Bahaa S.**, Ayman S. Selmy, and Wael A. Mohamed. "Improving the diagnosis of gastrointestinal diseases using a modified Alex Net." 2024, 34th International Conference on Computer Theory and Applications (ICCTA). IEEE, 2024. 10.1109/ICCTA64612.2024.10974892.
5. **B.S. Rabi**, Ayman S. Selmy, and Wael A. Mohamed, 2025"Multi-class Gastrointestinal Diseases improved diagnosis based on Ensemble and Transfer Learning.", Benha Journal of Applied Sciences, 10, 4, (In Press).
6. **B.S. Rabi**, Hanim Khtar, Ali H. El-Far, and Reda Albadawy, 2025" Gut Microbiome profile prediction for Nonalcoholic Fatty Liver disease patients based on Artificial Intelligence Techniques.", Benha Journal of Applied Sciences, 10, 4, (In Press).

7. Other Skills & Websites and social media

- I. **Linked in profile** (<https://www.linkedin.com/in/bahaa-saif-alnasr-91702214a/>).
- II. **ResearchGate Link** (<https://www.researchgate.net/profile/Bahaa-Saif>).
- III. **Kaggle** (<https://www.kaggle.com/bahaasaifalnasr>).
- IV. **Sololearn Link** (<https://www.sololearn.com/en/profile/16770701>).
- V. **Telegram Group Administrator (MATLAB&Python-Theoretical-and-Practical)** (<https://t.me/+k0Hvv-0ChVU2OTJk>).

8. Language Skills

- 1-Arabic: Native Language.
- 2- English: Excellent (Spoken & Written).
- 3-French: Basic (Spoken & Written).