

# CURRICULUM VITAE

## **PERSONAL DATA**

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## **WORK CHRONOLOGY**

- From **September 1998** to **September 2005**: *Teaching Assistant and Researcher*, Faculty of Computer and Information Sciences, Ain Shams University, 11566, Cairo, Egypt.
- From **April 2006** to **June 2012**: Ph.D. Student (DAAD scholarship holder), at the Automation Laboratory of Institute for Computer Engineering, University of Mannheim.
- **2010–2012**: (HIWI/Mitarbeiter) - Employed at Zentrale Institut für Technische Informatik (Ziti), Ruprecht-Karls-Universität Heidelberg, Germany
- From **January 2013** to **February 2018**: *Assistant Professor*, Information Systems Dept., Faculty of Computer and Information Sciences, Ain Shams University.
- From **August 2017** to **August 2018**: *Vice Manager*, Quality Assurance Unit, Faculty of Computer and Information Sciences, Ain Shams University.
- From **August 2018** to **December 2019**: *Manager*, Quality Assurance Unit, Faculty of Computer and Information Sciences, Ain Shams University.
- From **March 2018** to **April 2023**: Full-time *Associate Professor*, Information Systems Dept., Faculty of Computer and Information Sciences, Ain Shams University, 11566, Cairo, Egypt.
- From **October 2019** to **September 2024**: Director of Credit Hour Programs (CHP), Faculty of Computer and Information Sciences, Ain Shams University.
- From **October 2020** to **September 2024**: Director of International Credit Hour Programs (i-CHP), Faculty of Computer and Information Sciences, Ain Shams University, Cairo, and University of East London, UK.
- From **October 2023** to **December 2023**: Postdoc research visitor at DFKI, Kaiserslautern, Germany
- Since **May 2023**: Full-time *Professor*, Information Systems Dept., Faculty of Computer and Information Sciences, Ain Shams University, 11566, Cairo, Egypt.
- Since **September 2024**: Vice Dean for Community Service and Environmental Development Affairs; International Collaborations Coordinator, Faculty of Computer and Information Sciences, Ain Shams University, 11566, Cairo, Egypt.

*Responsibilities*: Research, teaching various undergraduate and postgraduate courses, supervising undergraduate projects and postgraduate researchers, academic advisor, departmental scientific research activities coordinator, and taking part in the academic and managerial internal roles, as well as the co-operations with external national/international entities and organizations.

## **EDUCATIONAL RECORD**

### • **PH.D. DEGREE (JUNE, 2012)**

*From*: Automation Laboratory, Ziti  
University of Mannheim, Germany  
*Subject*: Mathematics and Informatics (Mobile Robots)  
*Title*: “Information-Theoretic Environment Modeling for Mobile Robot Localization”

• **M.SC. DEGREE (MAY, 2003)**

*From:* Information Systems Department,  
Faculty of Computer and Information Sciences,  
Ain Shams University  
*Subject:* Computer Science and Information Systems  
*Title:* “Building Image Databases for Content-Based Retrieval”

• **B.SC. DEGREE (JUNE 1998)**

*From:* Electrical Engineering Department,  
Faculty of Engineering, Ain Shams University  
*Subject of Study:* Computers and Systems (Computers)  
*Major Grade:* Very Good with Honor Degree  
*Project Title:* “Networks Architecture: Design, Management, Security  
and Application”  
*Project Grade:* Distinction

**COMPUTER SKILLS**

*Operating Systems:* Windows, Linux, Qnx  
*Development languages  
and GUI tools:* C, C++, C#, Microsoft Visual Studio, R  
*Scientific Computing  
Programming:* Matlab, Wavelets, Statistics & Image Processing Toolboxes,  
Simulink, Rt-Lab  
*Database Knowledge:* SQL Language, SQL Server  
*Other Tools and Packages:* MS Office, Adobe PhotoShop, Adobe Premiere, EWB/Multisim

**TEACHING EXPERIENCE**

*Undergrad. Courses:* Introduction to Computers Systems, Electronic Circuits, Logic Circuits Design, Assembly Language, Computer Architecture, Computer Networks, Computer Security, Digital Multimedia, Office Automation, Information Engineering, Big Data, Information Visualization, Statistical Inference, Computer Ethics.

*Postgrad. Courses:* Mobile Robots, Web Engineering, Advanced Information Retrieval, Intelligent Systems, Advanced Data Mining, Business Intelligence and Business Analytics.

**CERTIFIED COMPUTER MASTER**

- Oracle 8i Database Administration Master, August 2001, Cairo, Egypt
- System Analyst (B) Course at Japan International Cooperation Agency (JICA), Okinawa International Center, from November 24, 2004 to March 4, 2005, Okinawa, Japan
- Health Data Processing & Data Science, July 2017, Alcala University, Spain
- AWS Academic Staff program – Core and Specialty Enablement Tracks, from February 17 to June 13, 2024

**(PROJECT/OTHER) EXPERIENCES**

- Development of 3-Tier full database system for KPTC (Kuwait Public Transport Company), Egyptian Partner “Automation Consultants” (private Co.), 1999-2000, Cairo, Egypt
- Analysis and Design for the Automation process of the National Organization of Drink water and Sewage, 2004, Cairo, Egypt
- Analysis and Design of the Kinematics and Landmarks Referencing for Medical Surgical Drill Machines (Cyclobot), 2010-2011, University of Heidelberg, Germany
- Executive manager for EU project HEAL+: Development of a Master program in Health Informatics in the MENA region, project duration:10.2015 till 4.2019 – ref. 561818-EPP1-ES--EPPKA2-JP-CBHE (<https://www.heal-plus.eu/>)
- DAAD evaluator for GERSS and GERLS scholarships
- Evaluator for US Fulbright scholarships
- Experience with the national academic accreditation by (NAQAAE)
- Development of International Dual Degree with University of East London (UEL) at FCIS-CHP
- Co-PI for British Council funded project: TNE2024-072 Unlocking the potential of the UK TNE in Egypt using structure and digital transformation, project duration 10.12.2024 till 2.022026

## **ACADEMIC ACTIVITIES & ROLES**

- Evaluator committee member for academic graduation projects at the faculties of computers and information at the university of Ain Shams and the British University from 2013 up till now
- Academic results control member for undergraduate students from 2013 to 2016
- Scientific seminar coordinator of the Information Systems department from 2013 to 2018
- Academic Advisor for the credit hours system programs from 2014 up till now
- Developer for faculty's new bylaws for B.Sc. and M.Sc. degrees
- Cooperation coordinator bet. Faculty and Dell-EMC; Certified International certification Exam Coordinator for EMC Data Science Associate (EMCDSA) 2015 up till now
- Chairman of examinations and proctoring committees – 4<sup>th</sup> level mainstream from January 2016 till September 2018 and from October 2024 till now
- Chairman of examinations and proctoring committees – CHP from October 2018 till now
- Senior member of Examiners' Committee from 2016 till October 2024
- Senior member of Academic Equivalence and Mapping Committee from 2018 till 2024
- Technical committee member & reviewer for several Conferences & Journals from 2013 till now
- Manager of Quality Assurance Unit at Faculty of Computer and Information Sciences, Ain Shams University, from August 2018 till December 2019
- Director of Credit Hour Programs (CHP) at Faculty of Computer and Information Sciences, Ain Shams University, from October 2019 till October 2024
- Academic Link person with University of East London (UEL) in UK for the international FCIS-CHP programs, since August 2020 till October 2024
- Internal Reviewer for University of East London (UEL) course assessments for the international FCIS-CHP programs, since August 2020 till now
- Vice Dean for Community Service and Environmental Development Affairs since September 2024 till now
- International Collaborations Coordinator at FCIS since September 2024 till now

## **FIELDS OF INTEREST**

Data Science	Artificial Intelligence	Computer Vision	Robotics
Medical Informatics	Big Data Analytics	Information Retrieval	Data Mining

## **LANGUAGE SKILLS**

<i>Arabic</i>	Mother tongue		
<i>English</i>	Excellent Spoken and Written	TOEFL	613 (257) Points
<i>French</i>	Basic knowledge		
<i>German</i>	Very Good Spoken and Written	Zertifikat Deutsch (ZD)	gut (2)

## **SCIENTIFIC RECOGNITION**

h-index 10 (Scopus)	<a href="http://www.scopus.com/authid/detail.uri?authorId=34870497700">www.scopus.com/authid/detail.uri?authorId=34870497700</a>
h-index: 13 (Google Scholar)	<a href="https://scholar.google.com/citations?user=S-RFMUYAAAAJ&amp;hl=en">scholar.google.com/citations?user=S-RFMUYAAAAJ&amp;hl=en</a>
h-index: 13	<a href="http://www.researchgate.net/profile/Sherine_Rady2">www.researchgate.net/profile/Sherine_Rady2</a>

## **ALUMNI**

JICA, DAAD, Mannheim University, Ain Shams University

## **GRANTS/AWARDS**

- Grant by JICA - System Analyst course in Japan from 24 November 2004 to 4 March 2005
- DAAD Scholarship for PhD study in Germany from 5 September 2005 to 31 March 2010
- Certificate of appreciation from the Faculty of Computing and Information Ain Shams University for the construction of the big Data Lab at the Information Systems Laboratory sponsored by EMC<sup>2</sup> Company 2016
- Excellence Award from DELL-EMC Company 2017
- University & Faculty Award as QA Unit manager for contributing to FCIS national Accreditation by NAQAAE 2019
- University's Research Innovation Award 2<sup>nd</sup> place (2021) & 1<sup>st</sup> place (2022)
- University's International Publishing Award in 2021, 2022, 2023 & 2024