

Dr. Senan A. Ghallab

Curriculum vitae



10/3/2022
Information Technology
Information System /Artificial Intelligence

Personal Data

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Name: Senan Abdullah Ali Ghallab

Nationality: Yemeni

Birth date: 7/2/1985

Summary

Management Information System and Project Coordination are my passion in Life and what supersedes this passion is my enthusiasm to deliver excellence in all positions I hold.

In addition to academic experience, over 7 years throughout practical domain. International/national expertise & experience in Management (MIS, System analysis/ data management, and strategic planning) and related fields.

I've been around the block working with several, multinational companies and involved in various projects. An excellent experience in Academic domain obtained, INGOs, Education System consultancies and Strategic project management.

✓ **Education**

- ❖ I have completed **PHD, MASTER & BACHELOR**, in information system, asfollow:

✓ **PHD**

Ain Shams University

College: Information Technology

Dept.: Information System

Major: Artificial intelligence

Thesis Title: Intelligent System For Crude Oil prediction

Cairo, Egypt 2010-2014

✓ **M.Sc**

Ain Shams University

College: Information Technology

Dept.: Information Systems

Major: Knowledge Mining

Thesis Title: Modeling Web Services to Knowledge Base Sharing

Cairo, Egypt 2006 –2009

✓ **Masters in International Cooperation and Humanitarian Aid**

College: Kalu institute

Dept.: Humanitarian affairs

Major: Protection Programs

Online study / 2021 - Current

✓ **Bachelor**

Applied Science University

College: Information Technology

Dept. : Computer Information Systems

Amman, JORDAN 2001 –2005

✓ **School**

High School Diploma

Minor: Scientific Stream

Ibb, YEMEN, 1999-2000

✓ **Personal abilities**

The abilities that may be of my interest:

- Problem Sensitivity
- Deductive reasoning fluency
- Ability to adapt with other cultures
- Information ordering and
- Memorization
- Excellent oral and reading comprehensive in both Arabic and English languages
- Excellent oral and written express in both Arabic and English languages.

✓ **Academic Experience**

More than Seven years of academic donation in multinational countries, academic history:

- Dean of Faculty of Business administration and Financial Sciences (FBAFS) college at Emirate International University, June_2018 until June_2019.
- Head of I.T dept. at British University in Yemen 2015-2017.

✓ **Lecturer as Part Timer at:(2015-Current**

- **Sana'a University:**
 - E. business, Business Requirement Analysis, MIS and AI.
- **Lebanese International University (LIU)-IT & Engineering Colleges: -**
 - Operating System, Applied Algorithms, Business Intelligent Systems
 - Artificial Intelligence, Data structure, Programming language,
 - Knowledge management,
 - Java & Computer Skills.
- **British University in Yemen (BUY):**
 - Business Information System, Computer programming languages,
 - System Analysis and digital & I.T. Fundamentals,
- **Yemen University (YU):**
 - Intelligent Systems and Automata theories,
- **Yemen Jordanian Uni. (YJU):**
 - A.I, Comp. Architecture, Software Engineering,
 - Data Mining & Oracle),
- **Emirates International University (EIU):**
 - A.I, ERP, Comp. Security, DSS, I.S, GIS & Comp. basics),
- **International University of sciences and technology (Twintech):**
 - B.I.S, MIS, IT Fundamentals and MIS, and
- **University of Modern Sciences (UMS):**
 - D.S.S, Expert Systems & Oracle.

✓ **Senior Projects Supervision:**

- Ain Shams University (Prof. Assistance-Master Degree Group),
- Lebanese International University (MBA Supervision),
- Sana'a University (Knowledge base Utilization, MSc Thesis)
- Sana'a University (Fuzzy Systems for Data analysis, MSc Researches)
- Sana'a University (Data analysis Toolkits, Final Project- BA)
- Twinitch Uni. (Business Info. System, GIS with Oil and Gas Management),
- Ain Shams University (Prof. Assistance-Master Degree Group),
- Graduate Final Projects (Yemen Uni.),
- Graduate Final Projects (Sana'a Uni.),
- Graduate Final Projects (YJU),
- Graduate Final Projects (UMS) and
- Graduate Final Projects (EIU).

Professional Field

Obviously, working with several, multinational companies and involved in various projects. An excellent experience in Academic domain obtained, INGOs, Education System consultancies and Strategic project management.

✓ **Area Database Officer (ACTED, Yemen-Hudeidah, (Jan. 2022-Current),**

- SCAMCHA data cleaning,
- Preparing the BNF's lists for meal unit,
- Reporting the analysis data for AMEU (Appraisal Monitoring-Evaluation UNIT)
- SCAMCHA data review and refinement,
- Coordinate with the Program team project baseline and indicators,
- Preparing Financial cards for the BNF's,
- Create forms Kobo interface based on AMEU requirements,
- Build GIS maps for the distribution's locations,
- Reporting weekly missions for the data unit in the area for the senior data officer.

✓ **DB-IT Officer, (UNHCR-YRC, Yemen-Amran, (April 2021-Dec.2021),**

- Preparing assessment lists for the included and excluded beneficiaries' lists,
- SCAMCHA data review and refinement,
- Oversee the PMT functions and responsible for training them,
- Review and analysis MPCA, Rental and ESKs lists,
- Prepare the recommendations for the cashiers on different districts,
- Systems and server administration,
- Modify BNF's Kobo data based on verification reports.

✓ **Liaison and Program coordinator, Kālu Institute for Humanitarian and international cooperation, (Sep.2020-March 2021).**

- Prepare for the center short/long strategic plans,
- Follow-up strategic plans and needs to executing,
- Sharing knowledge among marketing and management units,
- Contribute for marketing and operational budget,
- Draw official strategic maps and plans with the governmental affairs,
- Review weekly reports of the process's statues,

✓ **Information management Officer, (UNHCR-YRC,AMRAN (June 2019-March 2021),**

- Prepare daily assessment lists based on needs and prepared plans,
- promote NFIs and Shelter beneficiaries' lists based on UNHCR standards,
- Check KOBO data for the beneficiaries' and PMT feedback,
- correct saved data inside the data bases of protection project,
- Modify the data based on unit's recommendations,
- Monitoring the management information system of the project,
- Translating the data from KOBO into local system,
- Review INAT forms after assessment processes,
- Emergency Cash/Rental lists preparation based on UNHCR standards,
- Assist all unit's data bases to achieve an accurate weekly/monthly report,
- Ensure beneficiaries' feedback with accountability officer,
- Design and manipulating unit's database,
- Creating daily/weekly/monthly/fortnightly and yearly reports,
- Contribute for local system updating based on UNHCR standards,
- Create & draw the directions of IDPs based on KOBO data,
- Comparing the collected data with verification statues of the accountability officer,
- Training and capacity building for the project staff in system/interfaces usage,
- Creating ODK/KOBO interfaces for the new activities in the project,
- Organize and data ordering during assistances distribution processes,
- Prepare time schedule presentations for the upcoming missions,
- Promote distribution procedure through creating systematic mechanism based on data values in the database.

✓ **Dean of Business College (EIU,2019-2020),**

- Manage, coordinate for all departments and related offices,
- Responsible for curriculums and time management of the department,
- Monitoring and evaluation the college affairs,
- Sharing financial budget with financial and accounting units,

✓ **Head of IT Dept., British University in Yemen (April.2016-August.2017)**

- Preparing department schedule within timeliness mechanism,
- Create the part timer's lecturer contracts,
- Sharing financial budget with financial and accounting units,
- Monthly reporting for the line manager of department gaps,
- Support department activities with logistic department,
- Supervise warehouse stocks and reporting for the line manager,
- Responsible for curriculums and time management of the department,
- Organize the knowledge analysis processes with data visualization for learning enhancement.

✓ **Reporting Officer (Shather Foundation, Sana'a –Yemen Feb.2018-July 2018),**

- Collecting data from different units of the project,
- Detect the time for utilize knowledge,
- Approve data refinement and visualization,
- Building statistical infographics for the line manager,
- Entering the data into activity Info. lists,
- Ensure for collected data truth.

✓ **Information System Management (My Group March.2014-August.2015).**

- Creating formats of multi-types of RQ's,
- Update company system and capacity of data,
- Sharing the knowledge among company staff,
- Monitoring daily missions through company regular form,
- Study and analysis company operations,
- Support decision maker through reports and financial predications.

✓ **Management Information System (Modeling systems architecture, data analyst in AqarMap company, Cairo-Egypt ,2011-2012)**

- Data collection from distinct sources to build one DB of the enterprise,
- Create novel plans for update the web site of the enterprise,
- Study and discussing daily changeable on the Arab world estates sector,
- Preparing and modify the questionnaires for analysis customer's opinions and
- Support Financial unit by weekly reports of the informatics visualization(s)

Computer dept. manager (Alaraig Company, Amman Jordan 2003-2004).

- Computer(s)maintenance, software and hardware procedure,
- Review forms the company,
- Preparing and modify the format of company contracts,
- Preparation of the IT dept. budget,
- Analysis data of operations feedback,
- Supervise warehouse stocks and reporting for the line manager,
- Develop company data bases based on daily requirements.

Communication

- Active listening.
- Speaking.
- Cooperative.

Social

- Self-Motivation.
- Positive motivation,
- Communication Skills and
- Friendly.

✓ **Decision Making**

- Critical Thinking,
- Department plans Creative
- System Analysis,
- Information Security,
- Group Leadership,
- Team Supervising and
- Complex Problem Solving.

System Analysis Tools:

In addition to ability of self-learning, I have an experience on multiple toolkits and data analysis tools such as:

- UMLet,
- Protégé ,
- Smart Draw,
- Edit,
- Rational rose,
- PowerBi
- Tubluea ,
- Smart UML,
- WeKa ,
- SPSS and Other related data mining and system analysis tools.

Computer Domain :

- D.B Controlling.
- Artificial Intelligence,
- ArcGIS,
- Basic Programming Languages (C, C++, VB, VB.NET, ...)
- Computer Maintenance (A+).
- Graduation Project Design,
- I.T Courses
- Information Security,
- Multimedia software designing,
- Networks,
- Oracle 9g,10g,11g,12g ,
- Distributed Systems,
- Projects Supervising,
- Web Managing.
- Matlab and
- Other Computer Programming Languages.

Scientific Projects

- SCS (Students Course Scheduling),
- KLAS (Kids Animation Learning System)
- KBWS (Knowledge Base Web Sharing),
- FPIS (Fuzzy Prediction Intelligent System),
- POIS (Petroleum Ontology Integration System) and
- MVDS (Memory Vulnerability Discovering System)

Computer Courses

- System Engineer (M.C.S.E),
- Application Developer (M.C.A.D),
- Database Administrator (M.C.D.A),
- Computer Maintenance (C.M),
- Office Specialist (M.O.S)
- Oracle programming and
- Software Engineering (S.E).

Academic Courses

- I.T fundamentals,
- Information Security (I.S),
- Business Intelligence,
- Business Information System,
- Management Information System,
- Advanced Networks (A.N),
- Artificial Intelligence (A.I),
- Smart Software Analysis (S.S.A),
- Oracle Developer (O.D11g),
- Information System Management,
- Decision Support System (D.S.S),
- Advanced Geographical Information System (A.G.I.S),
- Oil Industry,
- Research Methodology,
- Project management,
- Computer Architecture Organization,
- Information System Analysis Design,
- Data Base Management Systems and
- Data Communication Distributed Systems.

Research Fields

- Information Technology,
- Human Ware,
- Artificial Intelligence,
- Knowledge Sharing and
- Data Mining.

Researches interest

- MIS,
- Knowledge Base Sharing,
- Business Intelligence,
- Artificial Intelligence,
- Data Mining,
- Petroleum Prediction and
- Vulnerability,
- Medical diagnosis.

Business sessions:

- E-Commerce,
- Human Resource,
- Marketing,
- Petroleum Industry and
- Business Information System.

Favorite daily missions:

- Reading Books,
- Technology Innovating,
- Traveling and
- Sport, Music, Photography, Internet Surfing, related fields.

Languages

- Arabic, mother language and
- English speak and writing (TOEFL Local score: 570)

Publications

1. **Senan A. Ghallab, Khaled El-Bahnasy , Nagwa.L.Badr and Abdel Badeeh Salem, “Using Web service to knowledge base Sharing”;** World science conference (WSEAS); 2008.
2. **Senan A. Ghallab, Khaled El-bahnasy, Nagwa.L.Badr and Abdel Badeeh Salem; “Comparative Study of Semantic Web languages”;** World science conference (WSEAS); 2008.
3. **Senan A. Ghallab, Khaled El-bahnasy, Nagwa.L.Badr, and Abdel Badeeh Salem ; “Machine To Machine Interaction To Knowledge Base Sharing”;** Fourth International Conference on Intelligent Computing and Information Systems (ICICIS); **Egypt**; 2009.
4. **Senan A. Ghallab, Nagwa.L.Badr, Abdel Badeeh Salem and M. F Tolba; “Modeling Web Service To Knowledge Base Sharing”;** The journal of Egyptian computer science (ECS); **Egypt**; 2009.
5. **Senan A. Ghallab, Nagwa.L.Badr, AbdelBadeeh Salem and M. F Tolba; “Using an Ontology tool in web service”;** Knowledge Expert System journal (KES); 2009.
6. **Senan A. Ghallab, Nagwa.L.Badr, AbdelBadeeh Salem and M. F Tolba; “Modeling an Application for Oil and Gas Ratio Prediction UsingANFIS”;** Egyptian Computer Science Journal, Vol.38. pp.1-6, **Egypt**, 2012.
7. **Senan A. Ghallab, Nagwa.L.Badr, AbdelBadeeh Salem and M. F Tolba; “Integration Web-Based Crude Oil Ontology”;** ICICI , **Egypt**, 2012.
8. **Senan A. Ghallab, Nagwa.L.Badr, Abdel Badeeh Salem and M. F Tolba; “A Fuzzy Expert System For Petroleum Prediction”;** WSEAS, **Croatia**, 2013.
9. **Senan A. Ghallab, Nagwa.L.Badr, Abdel Badeeh Salem and M. F Tolba; “Computational Intelligence Approaches For Manipulating Vagueness Petroleum Data”;** International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Vol. 3, pp. 284-289, **India**, 2014.
10. **Senan A. Ghallab, Nagwa.L.Badr, AbdelBadeeh Salem and M. F Tolba; “Effectiveness Ontology-Based for Crude Oil Deduction Model”;** International Journal of Applications of Fuzzy Sets and Artificial Intelligence”, Vol.4, pp.115-127, **Greece**, 2014.
11. **Senan A. Ghallab, Nagwa.L.Badr, AbdelBadeeh Salem and M. F Tolba; “Intelligence Test Case Based-Approach for Crude Oil Production System“;** IS’14, Springer, **Poland**, 2014.
12. **Senan A. Ghallab, Nagwa.L.Badr, AbdelBadeeh Salem and M. F Tolba; “An Intelligent Prediction System for Crude Oil Presence Using Fuzzy Model”;** AMLTA, IEEE, **Egypt**, 2015.
13. **Senan A. Ghallab, Nagwa.L.Badr, Abdel Badeeh Salem and M. F Tolba; “Logistic Test Case Regression Model of Petroleum Availability Prediction System”;** AMLTA, IEEE, **Egypt**, 2015.
14. **Senan A. Ghallab, Nagwa.L.Badr, Abdel Badeeh Salem and M. F Tolba; “ Strictness Petroleum Prediction System Based on Fuzzy Model”;** International Journal of Service Science, Management, Engineering, and Technology(IJSSMET), **USA**, 2015.
15. **Mansour Alqattan , Senan A. Ghallab,”Static Vulnerability Pattern Detection”;** International Journal of Service Science, Management, Engineering, and Technology(IJSSMET), **USA**, 2018.
16. **Mansour Alqattan , Senan A. Ghallab, “Vulnerability effectiveness evaluation in low level language”;** Journal of Computer Security, acceptance proceeding , 2018.

Signature

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