

# Hassan K. Ibrahim Al-Mahdawi

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# CV

## Academic Degrees

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- **PhD in Informatics and Computer Engineering**  
South Ural State University, Russia — 2021
- **MSc in Information Technology**  
Cankaya University, Turkey — 2014
- **BSc in Software Engineering**  
Al-Mansour College University, Iraq — 2002



## Academic Specialization

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- **General Specialization: Software Engineering**
- **Specific Specialization: Information Technology and Computer Engineering**

## Languages

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- **Arabic: Native**
- **English: Fluent (Academic & Technical)**
- **Russian: Fluent**
- **German: Basic**

## Research Interests

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- **Physics-Informed Neural Networks (PINNs)**
- **Artificial Intelligence for Scientific Computing**
- **Numerical Methods for Partial Differential Equations**
- **Inverse Problems and Optimization**
- **Computational Mathematics**
- **Hybrid AI-Physics Models**
- **Computer Engineering Applications**

## Academic & Research Profiles

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- ResearchGate: <https://www.researchgate.net/profile/Hassan-Al-Mahdawi-2>
- Google Scholar: <https://scholar.google.com/citations?user=bxbzSLIAAAAJ&hl=en>
- Scopus Author ID: <https://www.scopus.com/authid/detail.uri?authorId=57221956879>
- Web of Science (ResearcherID): <https://www.webofscience.com/wos/author/record/ADK-9811-2022>
- ORCID: <https://orcid.org/0000-0001-9845-6599>
- SciProfiles: <https://sciprofiles.com/profile/2309871>



## Technical Skills

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- **Programming Languages:** Python, MATLAB, C/C++, PHP, asp.net
- **AI & ML Frameworks:** TensorFlow, PyTorch
- **Oracle Database (Enterprise-grade, mission critical)**
- **Microsoft SQL Server (Enterprise & cloud friendly)**
- **Windows Server Administration**
- **Linux Server Administration (Professional Level)**

## Research & Academic Skills

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- **Scientific writing (IEEE, Elsevier, Springer formats)**
- **LaTeX and academic documentation**
- **Research data analysis and visualization**

## Training and Certifications

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### TU-Berlin in Berlin-Germany

- ✚ **Duration:** 7 months 2 days - ( From 15 April 2011 To 15 November 2011 )
- ✚ **Type of Training:** linux and open source training course
- ✚ **Certificate:** IT Administration

### INFOTECH F.Z.E for IT Consultancies

- ✚ **Duration:** 1 month 20 days - (From 5 January 2010 To 25 February 2010)
- ✚ **Type of Training:** Database
- ✚ **Certificate:** Introduction to Oracle 9i: SQL (1Z0-007) with scroll 100% in 2011

### INFOTECH F.Z.E for IT Consultancies

- ✚ **Duration:** 30 days - (From 25 April 2010 To 25 May 2010)
- ✚ **Type of Training:** Database
- ✚ **Certificate:** OCA Program with PL/SQL(1Z0-147) with scroll 92% in 2011

### Cisco Networking academy in dyala university

- ✚ **Duration:** 1 month - (From 1 January 2009 To 1 February 2009)
- ✚ **Type of Training:** Network
- ✚ **Certificate:** CCNA Exploration: Network Fundamentals