

# Academic Curriculum Vitae



## Personal Information:

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## Education:

- MSc. Degree in Software Engineering (2016)
- Bachelor Degree in Software Engineering (2009)

## Employment:

- Software Engineering Department (Lecturer Assistant) – Salahaddin University - Erbil

## Qualifications

- Lecturer Certificate
- IELTS (6.5)
- Education: A bachelor's degree in Computer Science, Software Engineering, or a related field is often required. Some positions may require a master's degree or higher.
- Programming Languages: Proficiency in multiple programming languages, such as Java, C++, Python, JavaScript, or Ruby, depending on the specific job requirements.
- Software Development Lifecycle (SDLC): Understanding of the various phases of the SDLC, including requirements gathering, design, development, testing, deployment, and maintenance.
- Object-Oriented Design (OOD): Familiarity with principles and concepts of OOD, including abstraction, encapsulation, inheritance, and polymorphism.
- Algorithms and Data Structures: Strong knowledge of fundamental algorithms and data structures, including arrays, linked lists, trees, graphs, sorting, searching, and complexity analysis.

- Database Systems: Proficiency in working with database systems, such as SQL and NoSQL databases, and understanding of concepts like normalization, indexing, and query optimization.
- Web Development: Experience with web development frameworks, such as HTML, CSS, JavaScript, and knowledge of front-end libraries like React or Angular.
- Version Control Systems: Familiarity with version control systems like Git, including branching, merging, and resolving conflicts.
- Software Testing: Understanding of software testing principles and experience with different testing techniques, such as unit testing, integration testing, and automated testing.
- Problem-Solving: Strong analytical and problem-solving skills to identify and resolve software-related issues efficiently.
- Collaboration and Communication: Ability to work effectively in teams, collaborate with other developers, and effectively communicate ideas and technical concepts to both technical and non-technical stakeholders.
- Continuous Learning: A passion for staying updated with the latest technologies, trends, and best practices in software engineering, and a willingness to continually learn and adapt to new tools and methodologies.

## Teaching experience:

- Programming Algorithms in software engineering
- Programming Principles in software engineering
- Advanced Programming in software engineering
- Advanced Database in software engineering
- Numerical Analysis in software engineering
- Final Year project of Software engineering department.

## Research and publications

- [Lecturer Performance System Using Neural Network With Particle Swarm Optimization.](#)
- [Lecturer Performance Analysis using Multiple Classifiers](#)
- [lecturer Performance Classification](#)

## Professional memberships

- Kurdistan Engineering Syndicate (Advisor).

## Professional Social Network Accounts:

- <https://www.linkedin.com/in/hawraz-a-dizayi-7196bb85>.
- <https://www.researchgate.net/profile/Hawraz-A-Ahmad>