

OMAIMA ISMAIL

Amman, Jordan · 00962788942576

Omaima.i.ismail@gmail.com · [LinkedIn Profile](#)

Lecturer and researcher with a Master's degree in Information Systems, specializing in Natural Language Processing. Experienced in .NET, Sitecore, and Sitefinity development within ERP, LMS, and CMS domains. Research interests include NLP, data analysis, and intelligent systems, with a strong focus on integrating academic research with practical software engineering.

EXPERIENCE

SEP 2025 – TILL NOW

FULL TIME LECTURER, PRINCESS SUMAYA UNIVERSITY FOR TECHNOLOGY

- Full Time Lecturer.

NOV 2023 – SEP 2025

SENIOR SOFTWARE ENGINEER, SHEPHERD TECHNOLOGIES

- Worked on Learning Management System (LMS) projects.
- Developed features in custom .NET applications with Angular/TypeScript based on feature specifications and technical designs.

APRIL 2021 – SEP 2023

SENIOR SOFTWARE ENGINEER, MAJID ALFUTTAIM- XSIGHT FUTURE SOLUTIONS

- Worked on re-engineering and migration of existing Sitecore shopping mall sites to Sitefinity CMS with full refactoring and enhancements.
- Developed features in custom .NET applications and Sitefinity .NET components based on feature specifications and technical designs.
- Provided technical and business consulting for multiple project partners.
- Supervised and mentored junior team members.

APRIL 2019 – APRIL 2021

SENIOR SOFTWARE ENGINEER/ SITECORE DEVELOPER, NEMETOS TANASUK

- Maintained and enhanced multiple existing Sitecore projects.
- Developed features in custom .NET applications and Sitecore .NET components based on feature specifications and technical designs.
- Collaborated with global clients on diverse projects, including the International Monetary Fund, Bayer Global, Money Management International, and Qatar News Agency.

MARCH 2015 – MARCH 2019

SENIOR .NET DEVELOPER, INTEGRATED TECHNOLOGY GROUP

- Created and updated ASP.NET pages for ERP products, including major and minor refactoring of legacy code.
- Built and enhanced ERP modules (Inventory, Purchase, Personnel, etc.).

- Developed workflow components, tracking tools, and dynamic report generation.
- Created Windows services for tasks including email/SMS notifications, scheduling, and task tracking.
- Refactored major system components to improve scalability, flexibility, and readability.
- Trained new employees on .NET web development and ongoing projects.

OCT 2013 – DEC 2013, FEB 2013- MAY 2013

TEACHING AND RESEARCH ASSISTANT, UNIVERSITY OF JORDAN

- Assisted in academic research and supported teaching activities.

JUNE 2013 – AUGUST 2013

TECHNICAL CONSULTANT, PIONEER IT & BUSINESS CONSULTING

- Served as a technical consultant for Microsoft Dynamics AX ERP implementation.

JUNE 2010 – JULY 2012

SOFTWARE DEVELOPER, AL HAFIZ, MANAGEMENT AND TECHNOLOGY CONSULTING

- Developed systems including School E-Learning, Registration, Online Exams, Workflow Management, and User Privileges Management.
- Designed and implemented code, database structures, and reporting solutions.

2012 –2014

FREELANCE AND OTHER EXPERIENCES

- Developed a web concordance tool for a Master's thesis using ASP.NET and LINQ queries over XML databases, and a Java tool for creating an Arabic annotated corpus.
- Gained hands-on experience with Natural Language Processing tools
- Built a full-featured news website with a custom CMS as a freelance .NET developer.

EDUCATION

JUNE 2014

M.SC. OF INFORMATION SYSTEMS, JORDAN UNIVERSITY

- Minor: Natural languages processing
- Cumulative GPA: Excellent (3.81)

JUNE 2010

B.SC. OF COMPUTER SCIENCE, JORDAN UNIVERSITY

- Cumulative GPA: Very Good (3.58)
- Awards: Fourth place in (ITSFA competition in Petra university- 7th and 8th July 2010) for Braille recognizing system as graduation project.

JULY 2006

SECONDARY SCHOOL, SCIENTIFIC STREAM, PRINCESS SALMA SECONDARY SCHOOL

- Cumulative GPA: Excellent (90.0)

SKILLS

TECHNICAL SKILLS:

- ASP.NET (MVC and Web Forms)
- .Net Core
- Solution Architecture and design.
- Sitecore (SXA, xConnect, TDS, Unicorn, Solr)
- Sitefinity
- GIT, TFS, GitExtensions
- Software Engineering Principles

- C#, windows services, web services, web APIs, XML and Json.
- HTML, JavaScript, jQuery, CSS, jQuery, Angular.
- SQL server, ADO, Entity Framework and LINQ.
- Machine learning and Natural Language processing
- Agile and supporting tools.

RESEARCH AND DOCUMENTAION

- Conducted multiple research projects during Master's studies, resulting in two published papers.

COMMUNICATION

- Participated in numerous communication and professional development workshops.

TRAINING:

- Delivered ASP.NET development training for recent graduates at Integrated Technology Group (ITG).
- Conducted onboarding and technical training sessions for new employees in previous roles.

ACTIVITIES

Publications

- Hammo, B., Yagi, S., Ismail, O., & AbuShariah, M. (2015). Exploring and exploiting a historical corpus for Arabic. Language Resources and Evaluation, 1-23.
- Ismail, O., Yagi, S., Hammo, B. (2014). Corpus Linguistic Tools for Historical Semantics in Arabic. International Journal of Arabic-English Studies (IJAES), Vol. 15.

Languages

- Arabic: Native
- English: Very Good command of writing, reading, and speaking.

Notes

- I am always ready to learn new technologies.
- References and recommendation letters are available on request.