



MAHA ZAINAB

PROFILE

A dynamic professional with good knowledge and work experience of Machine Learning, Feature Engineering, Information Retrieval and Natural Language Understanding. Having excellent, teaching, entrepreneur and management skills and good interaction skills with team leads, team members.

CAREER OBJECTIVE

Seeking a research position to polish my skills and abilities and achieve professional growth while being resourceful, innovative, and flexible. To add valuable assets to my country through educating young children especially girls.

CONTACT

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+92 337 0488564

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mzainab.msit16seecs@seecs.edu.pk
maha.zainab94@gmail.com

HOBBIES

Reading
Tourism
Travelling
Hiking

EDUCATION

Master of Science in Information Technology (MS-IT)

National University of Sciences and Technology, Islamabad, Pakistan
09/09/2016 – 14/05/2019
CGPA: 3.35/4.00

Bachelor of Science in Information Technology (BS-IT)

24/09/2011 – 02/11/2015
CGPA: 3.40/4.0

WORK EXPERIENCE

Senior Computer Teacher at Pak Multi Services

Jan/2018–Continue
Appointed in Islamabad Model School and teach latest technologies to young kids

Lab Engineer at Bahria University Islamabad

October/2021–Continue
Teaching students client and server side languages to implement dynamic websites

Research Paper Reviewer at IEEE-Access

May/2019–Continue
Evaluate body of knowledge in the field of information retrieval and machine learning

Temporary Visiting Faculty at NUST

June/2019–August/2019
Teaching Machine Learning with practical applications of it and supervising students in their semester projects

Teaching Assistant (Information Retrieval) at NUST

Jan/2019–May/2019
Worked as teacher assistant to enhance the information retrieval capabilities in MS students and helped them to learn tools related to that course.

Teaching Assistant (Data Structures and Algorithms) at NUST

Jun/2018–August/2018
Worked as lab assistant to help students to solve and design different types of algorithms

College Teacher Intern (CTI) at Government College for Women, Khayaban-e-SirSyed, Rawalpindi

Sep/2016–Jan/2018
Worked as a computer teacher to teach BSC and ICS and attain 100% result in board

Visiting Instructor at Alhamad Islamic University Islamabad

April/2016–Sep/2016
Taught Programming Fundamental and Assembly Language

Web Developer at Nexthion Technologies

March/2015–April/2016
Worked as a MEAN stack developer

MAJOR PROJECTS

MS Thesis

Title: Information Credibility Identification in Facebook Stories

Field: Information Retrieval and Machine Learning

Technologies: Scikit-Learn, Numpy, NLTK, NLU, TextStat, TextBlob

Digit Recognizer

Recognize digits from zero through nine from hand-drawn gray scale images

Field: Image Processing and Machine Learning

Technologies: Tensor Flow

Final Year Project

Title: Collaborative Editor on Web Based Overlay Network

Technologies: Socket.io, node.js, AngularJS

Document Builder

Create and manage a complete database of a project.

Technologies: Node.js AngularJS

AWARDS AND ACHIEVEMENTS

- Got 2nd position in three-minute thesis competition organized by ASCE NUST
- Got 1st position in Kufic calligraphy
- Got 3rd position in district level scholarship exam organized by Edutech college
- HEC scholarship holder in MS
- Benevolent fund scholarship holder in BS
- Punjab college full funded scholarship holder in ICS

SKILLS

- Python
- Node.js
- Machine Learning Classifiers
- Natural Language Processing
- Natural Language Understanding

RESEARCH PUBLICATIONS

Framework for Evaluating Credibility of News Shared on Facebook

Journal Name: IEEE Access

Impact Factor: 3.367

Status: Submitted and under review



TRANSCRIPT

045529

11034256186

02-November-2015

38 in Information Technology

Field of Specialization

Course Code	Title of Course	Credit Hours	Grade	Remarks	Course Code	Title of Course	Credit Hours	Grade	Remarks
CS-104	Programming Fundamentals (Lab)	3	A+		IT-303	Visual Programming	3	B-	
CS-105	Programming Fundamentals (Lab)	1	A		IT-305	Advance Web Development	3	B-	
CS-161	Introduction to Information and Communication Technology	3	A+		IT-312	Network Security	3	B+	
ENG-101	English I	3	B-		IT-317	Wireless Sensors Networks	3	A+	
MATH-107	Module 5 and Analytical Geometry	3	B+		IT-402	Human Computer Interaction	3	A+	
PHY-107	Basic Electronics	3	B		IT-403	Research Methodologies	3	A	
	Total Credit Hours :16		Semester GPA : 3.40			Total Credit Hours :18		Semester GPA : 3.16	
	Spring-2012					Fall-2014			
ENG-102	English II	3	B		ENG-310	Business & Technical Writing	3	B-	
IT-106	Object Oriented Programming	3	A		IT-410	Hybrid Mobile Application Development	3	B	
IT-107	Object Oriented Programming (Lab)	1	A+		IT-412	System and Network Administration	3	B+	
IT-151	Digital & Logic Design	3	B		MCM-101	Introduction to Mass Communication	3	A	
IT-162	Introduction to Design	3	B+		SS-301	Professional Practices	3	B+	
MGT-205	Fundamentals of Accounting	3	A		IT-406	Project	3		
PKS-101	Fieldwork Studies	2	A+			Total Credit Hours :16		Semester GPA : 3.38	
	Total Credit Hours :18		Semester GPA : 3.47			Spring 2015			
CS-391	D Secure Structures	3	A		IT-406	Project	3	B-	
ISL-108	Game Studies	2	A+		IT-409	Design, User Experience, and Usability	3	B+	
IT-204	Automata System & Design	3	B+		IT-415	Quality Principles of IT Infrastructure	3	A+	
IT-206	Data Structures	3	B-		IT-423	System Integration and Architecture	3	A	
MGT-102	Principles of Management	3	A			Total Credit Hours :16		Semester GPA : 3.22	
PSY-101	Introduction to Psychology I	3	A			Degree Completed			
	Total Credit Hours :17		Semester GPA : 3.47						
	Spring-2013								
IT-205	Operating Systems	3	B+						
IT-213	Data Communications And Computer Networks	3	A						
IT-214	Data Communications And Computer Networks (Lab)	1	A+						
IT-225	Database Systems	3	A						
IT-244	Database Systems (Lab)	1	A						
MATH-314	Linear Algebra	3	A						
STAT-239	Probability and Statistics	3	A+						
	Total Credit Hours :17		Semester GPA : 3.72						
	Fall-2013								
IT-302	Web Systems & Technologies	3	A						
IT-305	Web Design And Animation	3	B-						
IT-307	Enterprise Information Development	3	B						
IT-323	Software Engineering	3	B						
IT-363	Information Systems	3	A+						
MGT-205	Organizational Behaviour	3	A						
	Total Credit Hours :16		Semester GPA : 3.32						
	Spring-2014								

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NATIONAL UNIVERSITY OF SCIENCES AND TECHNOLOGY

ACADEMIC TRANSCRIPT (Postgraduate)

Name: **Maha Zainab**

Registration No: **00000171849**

Degree: **Master of Science in
Information Technology**

Date of Award: **20 May 2019**

Campus: **School of Electrical Engineering and
Computer Science, Islamabad**

Date of Issue: **12 March 2020**

COURSE CODE	TITLE	CRs	GRADE	GP's	COURSE CODE	TITLE	CRs	GRADE	GP's
<u>1st Semester (19 September 2016 – 27 January 2017)</u>									
CS-812	Object-Oriented Analysis and Design	3.0	B	09.00					
CS-820	Advanced Database Concepts	3.0	C+	07.50					
EE-981	Network Switching and Routing	3.0	B+	10.50					
IT-852	Mathematical Methods for IT	3.0	A	12.00					
Sem Cr: 12.00		Sem GPA: 3.25							
<u>2nd Semester (13 February 2017 – 16 June 2017)</u>									
CS-823	Advance Topics in Databases	3.0	B	09.00					
CS-825	Information Retrieval	3.0	B+	10.50					
CS-877	Artificial Intelligence and Machine Learning	3.0	B	09.00					
IS-838	Advanced Simulation and Modeling	3.0	B	09.00					
Cum Cr: 24.00		Cum GPA: 3.19							
<u>Thesis Work (17 June 2017 – 20 May 2019)</u>									
CS-899	MS Thesis	6.0	A	24.00					
Cum Cr: 30.00		Cum GPA: 3.35		Status: Degree Conferred					
<u>Additional Subject</u>									
RM-898	Research Methodology	2.0	Qualified						
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Contact Information for Recommendation

1.	Name: Dr. Asad Ali Shah Email: asad.shah@seecs.edu.pk Phone number: 00966501069538
2.	Name: Dr. Sharif Ullah Khan Email: sharifullah.khan@seecs.edu.pk Phone number: 00923455430160