Seyedeh Mina MOUSAVIFAR

PERSONAL DATA

DATE OF BIRTH:	23 May 1996
ADDRESS:	Department of Computer Engineering, Sharif University of Technology, Azadi Avenue, Tehran, Iran, 11155-11365
PHONE:	+98 912 5808400
EMAIL:	mina.moosavi7@gmail.com, mmoosavi@ce.sharif.edu
WEBSITE:	http://ce.sharif.edu/ mmoosavi/

RESEARCH INTERESTS

Data Science

Recommendation Systems

Machine Learning

Cognitive Science

EDUCATION

2014 - PRESENT

B. Sc in INFORMATION TECHNOLOGY ENGINEERING, **Sharif University of Technology**, Tehran, Iran
CUMULATIVE GPA: 17.74/20, LAST SEMESTER GPA: 19.49/20

RELEVANT COURSEWORK:
Artificial Intelligence (20/20), Data Science (grades not announced yet), Computer Simulation (20/20), Design of Algorithms(17.1/20)
IT Strategic Management (20/20), IT Project Management (19.2/20), Web Programming (18.5/20), Multimedia Systems (20/20)
CURRENT COURSES: Linear Algebra, Agile Development, Software Engineering

2010 - 2014

Diploma in PHYSIC AND MATHEMATICS DISCIPLINE, **Reyhane Al-Rasool High School**, Tehran, Iran
GPA: 19.86/20

HONORS

SUMMER 2014

Top %0.1 in the Nationwide Universities Entrance Exam (Konkoor).
Ranked 123rd in more than 300,000 participants.

RESEARCH PROJECTS

SPRING 2018 - PRESENT

Music Recommender, final thesis of BACHELOR's degree under supervision of Prof. M.A. Fazli,
In this project, we aim to implement playlist generation method discussed in WSDM paper and evaluate effects of using topic modeling and sentiment analysis of lyrics for playlist generation.

SUMMER 2018 - PRESENT

Sentiment Analysis of Digikala reviews under supervision of Prof. H. Beigy,
Digikala is an online Persian market. In this project, first we try to analyze sentiment of user ratings in Persian language using neural network. After sentiment analysis of reviews we will rate products based on these sentiments.

Notable Course Projects

Spring 2018	**Aviation Safety Data Analysis**, final joint project of "Data Analysis" course, The project consists of a crawler written in python that fetches database from Aviation Safety website. Then data is analyzed to find crash causes by topic modeling on descriptions provided for each crash, prove some expressions using hypothesis tests and data visualization. Report is available on this page.
Fall 2017	**News Recommendation System**, volunteer joint project of "Artificial Intelligence" course, A Persian news recommendation system implemented in python. Extracting news topics with LDA models and filtering based on hybrid collaborative filtering and context base filtering.
Spring 2017	**Textbook**, project of "Web Programming" course, A social media implemented in JavaScript and CSS with backend implemented in Django.

Teaching Experience

Fall 2018	Teaching Assistant, "Artificial Intelligence" course. *M. H. Rohban, Sharif University of Technology*
Fall 2017	Head Teaching Assistant, "Information Technology Project Management" course. *S. E. Abtahi, Sharif University of Technology*
Fall 2016	Head Teaching Assistant, "Technical and Scientific Presentation" course. *S. E. Abtahi, Sharif University of Technology*

Computer Skills

Advanced Knowledge:	Python, Django, R, Java, Git, CSS, Matlab, Verilog, html, MacOS, MS Project, iWork
Intermediate Knowledge:	C, JavaScript, Linux, Uml, Windows, Microsoft Office, WireShark
Basic Knowledge:	C++, mysql, X86 Assembly, Modelsim, Mind Mapper, LaTeX, AutoCad

Languages

Persian:	Mothertongue
English:	Fluent
German, Arabic:	Basic Knowledge

Volunteer Work

Dec. 2017	**Technical Staff**, of 19th Asia Regional ACM-ICPC Contest Tehran, Iran.
Aug. 2017	**Technical Staff**, of 29th National Olympiad in Informatics, Tehran, Iran, An annual international informatics competition for high school students from various invited countries, accompanied by social and cultural programmers.

Interests and Hobbies

Music, Daf instrument, Workout, Traveling, Cinema, Documentary, Theater, Puzzle