Sarvin Saravi

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in www.linkedin.com/in/sarvin-saravi ⚪ github.com/SarvinSaravi

EDUCATION

Masters in Software Engineering 2021-2023
Alzahra University, Tehran, Iran
- ✓ *GPA*: 3.74/4.0
- ✓ *Thesis:* "Visual Search in Content-Based Image Retrieval"
- ✓ *Supervisor:* Dr. Masoud Sagharichian

Bachelor in Computer Engineering 2016-2020
Alzahra University, Tehran, Iran
- ✓ *GPA*: 3.77/4.0

HONORS AND AWARDS

Bachelor's Education 2020
- ✓ *Ranked in the top 10% of GPA in B.Sc. computer engineering*
- ✓ *Received full scholarship for Master education in Alzahra University*

Iranian University Entrance Exam 2016
- ✓ *Ranked in the top 2% of around 160,000 participants in the Iranian University Entrance Exam (Konkour)*
- ✓ *Admission to Alzahra University for B.Sc. degree without tuition fees*

SKILLS

Computational
- Programming Languages: Python, Java, SQL
- Python:
- ✓ Libraries: Pandas, NumPy, PuLP, SciPy, Matplotlib, NetworkX, Pytorch, etc.
- Graph Visualizaiton: Gephi
- Version Control Tools: Git
- Search Technologies: Elasticsearch
- ✓ Indexing, Querying, Cluster Management and Monitoring

Soft Skills
- ✓ Problem Solving
- ✓ Collaboration and Teamwork
- ✓ Adaptability
- ✓ Time management
- ✓ Work ethic

Languages
- English: Professional Working Proficiency (IELTS 7; R:8, L:7, S:6, W:6)
- Persian: Native Proficiency
- German: Elementary Proficiency

LICENSE & CERTIFICATION

Academic Writing Apr 2024
- ✓ Writing in the Sciences
- ✓ By Coursera (Stanford University online course)
- ✓ Show credential

RESEARCH PROJECTS

Visual Search in Content-Based Image Retrieval 2023
Supervisor: Dr. Masoud Sagharichian
- *Master Thesis*
- Collaborated with a team consisting of students and technical fellow researchers to develop a content-based image retrieval system

AI-based Dubbing System 2022
Supervisor: Dr. Noushin Riahi
- *Research Assistant, Leader of the research group*

ACADEMIC EXPERIENCE

Implementation of Some Machine Learning Algorithms 2022
Supervisor: Dr. Mohammad Reza Keyvanpour
- ✓ *Course: Data Mining*
- ✓ Algorithms include: SVM, PCA, Hierarchical Clustering, SIFT

Research and Implementation of a Complex Network 2022
Supervisor: Dr. Hadi Shakibian
- ✓ *Course: Complex Dynamic Networks*
- ✓ Work on paper: *Convolutional Neural Network Based on Complex Networks for Brain Tumor Image Classification with a Modified Activation Function*

Research and Implementation of a Pattern Recognition Algorithm 2021
Supervisor: Dr. Hadi Shakibian
- ✓ *Course: Advanced Algorithms*
- ✓ Work on paper: *Simple and Efficient Pattern Matching Algorithms for Biological Sequences*

Developed a Dynamic Host Configuration Protocol (DHCP) Server 2020
Supervisor: Dr. Masoud Sagharichian
- ✓ *Course: Internet Engineering*

Developed a Socket Programming Application 2020
Supervisor: Dr. Masoud Sagharichian
- ✓ *Course: Internet Engineering*

WORK EXPERIENCE

Research Assistant Mar 2024 – present
University of Tabriz, Tehran, Iran (Remote)

Junior Web Developer Aug 2019 - Dec 2019
Hamfekran Information Technology, Tehran, Iran

Quality Assurance (QA) Specialist July 2019 - Aug 2019
Snappbox company (related to Snapp), Tehran, Iran

Web Crawling Expert Aug 2018 - Jan 2019
ToobaTech Company, Tehran, Iran

Teaching Assistant Fall 2018
Computer Science Department, Alzahra University, Tehran, Iran
- ✓ *Supervisor: Dr. Behrouz Gholizadeh*