

Bahar Sar Saiffee

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EDUCATION

University of Tabriz

M.Sc., Software Engineering. GPA: 18.40/20

Relevant Coursework: Advanced Data Analysis, Professional Database

Tabriz, Iran

Sep. 2018 to Feb. 2021

University of Kurdistan

B.Sc., Software Engineering. GPA: 18.72/20

Relevant Coursework: Artificial Intelligence, Basics of Data Mining, Implementation of Database Systems

Sanandaj, Iran

Sep. 2014 to Jul. 2018

National Organization for Development of Exceptional Talents

Diploma, Mathematics, and Physics.

Sanandaj, Iran

Sep. 2007 to Jun. 2014

RESEARCH EXPERIENCE

University of Tabriz

Dissertation Research

Dissertation: "Twitter Sentiment Analysis Using Deep Learning Techniques in SemEval-2017 Task 4 Dataset"

Supervisor: Prof. Jafar Tanha

Grade: 20/20

Tabriz, Iran

Dec. 2019 to Feb. 2021

- Handle Imbalanced Dataset (Data Augmentation)
- 8% Improvement in Twitter Sentiment Classifier

TEACHING EXPERIENCE

University of Kurdistan

- **Teaching Assistant**, Database Design Principles Course
- **Teaching Assistant**, Implementation of Database Systems Course
- **Teaching Assistant**, Software Engineering Course
- **Teaching Assistant**, Data Structure Course

Sanandaj, Iran

Fall 2018

Spring 2018

Spring 2018

Fall 2017

PUBLICATIONS

Sar-Saiffee Bahar, Tanha Jafar, Pashazadeh Saeid, Aeni Mohammad, "A Hybrid Based Deep Learning Techniques to Twitter Sentiment Analysis on SemEval-2017 Dataset", **Under Review** to Neural Computing and Applications

Sar-Saiffee Bahar, Tanha Jafar, 2021, "Twitter Sentiment Analysis Using Deep Learning Techniques", 5th International Conference on Science and Technology of Electrical, Computer and Mechanical Engineering of Iran, Tehran, <https://civilica.com/doc/1238171/>

HONORS & AWARDS

University of Tabriz

Ranked 2nd in GPA among all Master students of computer engineering department

Full-tuition scholarship awarded, Master programs at computer engineering department

Tabriz, Iran

2018 to 2020

2018 to 2020

University of Kurdistan

Ranked 1st in GPA among all Bachelor students of computer engineering department
Full-tuition scholarship awarded, Bachelor programs at computer engineering department
Ranked 1st in ACM contest

Sanandaj, Iran
2014 to 2018
2014 to 2018
Feb. 2016

RELEVANT PROJECTS

Research Problem Extraction System from NLP Scholarly Articles

Jul. 2022

- On the SemEval-2021 Task 11 Dataset
- Keyphrase Extraction Using Knowledge Graphs
- Using Keyword Extraction Methods; Spacy, Textrank, Yake, KeyBert, Rake_NLTK

Sentiment Classification in Unlabeled Dataset

Dec. 2018

- On the Social Media (Blogs) Dataset
- Using Machine Learning Methods

Text Classification and Train Classifiers

Nov. 2018

- On the Collection of Sentences from Wikipedia
- Train the IBk, NB, J48, and JRip Classifiers

Design and Implementation of Educational Management System in Java

May. 2015

SKILLS & INTERESTS

Programming languages: Python, Java, C/C++, Android, HTML, CSS

Programming Tools: Anaconda, Netbeans, Visual Studio, Android Studio, Weka

Research Interests: Deep Learning, Computer Vision, Image Processing, Natural Language Processing

PROFESSIONAL EXPERIENCE

APA Center of Kurdistan University

Graphic Designer

Sanandaj, Iran
Feb. 2020 to Sep. 2020

Technology Units Development Center of Kurdistan University

Android Developer Intern

Sanandaj, Iran
Jun. 2017 to Sep. 2017

LANGUAGES

Kurdish: Professional Proficiency

Persian: Professional Proficiency

English: Upper-Intermediate (B2)

CERTIFICATION

The Complete Python 3 Course: Beginner to Advanced!, Online Course, Udemy

May. 2022

Participation in The Conference, 5th Utconf, Tehran, Iran

May. 2021

Machine Learning Crash Course, Online Course, Udemy

Apr. 2021

NumPy for Data Science & Machine Learning, Online Course, Udemy

Mar. 2021

Python for Machine Learning with Numpy, Pandas & Matplotlib, Online Course, Udemy

Mar. 2021

Python-Introduction to Data Science and Machine Learning A-Z, Online Course, Udemy

Mar. 2021

ICSD Paper Presentation Certification, 5th Utconf, Tehran, Iran

Sep. 2020