CURRICULUM VITAE

PERSONAL INFORMATION

Name	**Bahar Sar saifee**
E-mail	Baharsarsaifee@gmail.com
Website	brsarsaifee.github.io
Linkedin	linkedin.com/in/brsarsaifee
Address	Keshavarz Town, 15 Khordad Street, Sanandaj, Iran
Telephone	+98-936-661-0117

ACADEMIC BACKGROUND

Sep. 2018 to Feb. 2021 — **M.Sc., Software Engineering**, *University of Tabriz* **(GPA: 18.40 out of 20)**

Sep. 2014 to Jun. 2018 — **B.Sc., Software Engineering**, *University of Kurdistan* **(GPA: 18.72 out of 20)**

RESEARCH EXPERIENCE

Dec. 2019 to Feb. 2021 — **Master Thesis: Twitter Sentiment Analysis Using Deep Learning Techniques In SemEval-2017 Task 4 Dataset with Prof. Jafar Tanha**, *University of Tabriz* ***(Grade: 20 out of 20)***

Dataset Preprocessing

- Conversion of emoticons & emojis to words
- Removal of URLs, HTML tags, Name Entity, Punctuations & Digits
- Removal of Stopwords, Frequent & Rare words
- Lemmatization & Stemming
- Lower casing & Spelling correction

Handle Imbalanced Dataset

- Data Augmentation
- Random Oversampling
- SMOTE

Word Embedding

- GloVe

Deep Learning Method

- Convolutional Neural Networks (CNN)
- Long Short-Term Memory (LSTM)
- Gated Recurrent Unit (GRU)

Evaluation

- Accuracy, Avg Recall
- Producing a State-of-the-art Twitter Sentiment Classifier With an 8% Improvement

TEACHING EXPERIENCE

2018-2019 — **Teaching Assistant, Database Design Principles,** *University of Kurdistan*

2018 — **Teaching Assistant, Implementation of Database Systems,** *University of Kurdistan*

2018 — **Teaching Assistant, Software Engineering,** *University of Kurdistan*

2017-2018 — **Teaching Assistant, Data Structure,** *University of Kurdistan*

My responsibilities included
- Preparing the assignments, their solutions and grading them
- Holding problem-solving sessions (2 hours/week)

Projects

Dec. 2018	**Sentiment Classification In Unlabeled Dataset** • That Sentences are Extracted from Social media (Blogs) • Using Machine Learning Methods
Nov. 2018	**Text Classification and Train Classifiers on the Collection of Sentences from Wikipedia** • Train the IBk, NB, J48, and JRip Classifiers • That Sentences given in English, French, Spanish, and German
Jun. 2018	**Dimension Reduction of Dataset with Principal Component Analysis (PCA)** • On Rock Dataset • Using R Programming Language
Nov. 2016	**Developing of an "Ordering Management" Android Application**
May. 2015	**Design and implementation of Educational Management System in Java**
Nov. 2014	**Design and implementation of Business Management System in C++**

Honors & Awards

2018 to 2020	**Top Master Student (Rank: 2), 2 years,** *University of Tabriz*
2014 to 2018	**Top Bachelor Student (Rank: 1), 4 years,** *University of Kurdistan*

Skills

Programming Language	**Python |**Advance, **Java |**Advance, **C/C++ |**Advance, **Android |**Advance **R |**Intermediate, **C# |**Intermediate
Data Mining	**Python	NumPy, Pandas, Scikit-Learn, Keras, Tensorflow**
Data Cleaning	**Python	NLTK** (stopwords, RegexpTokenizer, WordNetLemmatizer, PorterStemmer)**, Textblob, BeautifulSoup, re**(regular expression)
Data Visualization	**Python	Seaborn, Matplotlib, Plotly, pydot**
Deep learning	**Python	Keras** (models, layers)
Programming Tools	**Anaconda	Jupyter Notebook** **Netbeans, Visual Studio, Android studio, R Studio**
Data Analysis Tools	**Weka**

Under Preparation Papers

[1]	Bahar Sar saifee, Jafar Tanha, **Twitter Sentiment Analysis Using Deep Learning Techniques**

Presentations

Jun. 2019	**Farsi Handwriting Digit Recognition based on Convolutional Neural Networks**
Jul. 2019	**Recognition of Machine-Printed Arabic Text using Hidden Markov Models**
Dec. 2018	**Classification by Using Frequent Patterns**

Selected Courses

University of Tabriz	**Advanced Data Mining |** 19.5 out of 20
University of Kurdistan	**Artificial Intelligence |** 17.8 out of 20**, Basics of Data Mining |** 19 out of 20

Languages

Mother Tongue	**Kurdish**
Native	**Persian**
Other Languages	**English |** Proficient

REFERENCES

Name	**Jafar Tanha**
Title	Assistant Professor
Institution	Computer Engineering Department, *University of Tabriz*
Email	tabrizu.ac.ir
Linkedin	linkedin.com/in/jafar-tanha-35091324/

Name	**Parham Moradi**
Title	Associate professor
Institution	Department of Computer Engineering, *University of Kurdistan*
Email	uok.ac.ir
Linkedin	linkedin.com/in/parham-moradi-7349abb

Name	**Alireza Abdollahpouri**
Title	Associate professor
Institution	Department of Computer Engineering, *University of Kurdistan*
Email	Abdollahpouri@uok.ac.ir
Linkedin	linkedin.com/in/alireza-abdollahpouri-2a51a94b/