CURRICULUM VITAE

PERSONAL INFORMATION

Name	**Bahar Sar saifee**
E-mail	Baharsarsaifee@gmail.com
Linkedin	linkedin.com/in/brsarsaifee
Website	brsarsaifee.github.io
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: 3.90/4)**

Sep. 2014 to Jun. 2018 — **B.Sc., Software Engineering**, *University of Kurdistan* **(GPA: 3.92/4)**

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: 4.00/4), Thesis Abstract

- **Dataset Preprocessing**
- **Handle Imbalanced Dataset (Data Augmentation)**
- **Word Embedding**
- **Deep Learning Method (CNN, LSTM, GRU)**
- **8% Improvement In Twitter Sentiment Classifier**

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*

TEAMWORK EXPERIENCE

Feb. 2020 to Sep. 2020 — **Magazine Designer,** *APA Center of Kurdistan University, (8 months experience)*

Jun. 2017 to Sep. 2017 — **Internship as an Android developer,** *Technology Units Development Center of Kurdistan University, (4 months experience)*

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

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*
2016	**Ranked 1 st in ACM Contest,** *University of Kurdistan*

SKILLS

Programming Language	**Python |**Advance, **Java |**Advance, **C/C++ |**Advance, **Android |**Advance, **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**
Data Analysis Tools	**Weka**

PUBLICATIONS

Journal of Big Data	Bahar Sar saifee, Jafar Tanha, **Twitter Sentiment Analysis Using CNN, LSTM and GRU In SemEval-2017 Task 4** (in preparation)
29th Iranian Conference on Electrical Engineering	Bahar Sar saifee, Jafar Tanha, **Twitter Sentiment Analysis Using Deep Learning Techniques** (to be submitted)

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 |** 4.00 out of 4
University of Kurdistan	**Artificial Intelligence |** 4.00 out of 4 **Basics of Data Mining |** 4.00 out of 4

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	jafar.tanha.pnu@gmail.com
Linkedin	linkedin.com/in/jafar-tanha-35091324/
Name	**Parham Moradi**
Title	Associate professor
Institution	Department of Computer Engineering, *University of Kurdistan*
Email	p.moradi@uok.ac.ir
Linkedin	linkedin.com/in/parham-moradi-7349abb/