

# CURRICULUM VITAE

## PERSONAL INFORMATION

**Bahar Sar-Saifee**

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## RESEARCH INTERESTS

- Deep Learning
- Natural Language Processing
- Sentiment Analysis
- Computer Vision
- Image Processing

## SKILLS

- **Python** | Advance
- **Java** | Advance
- **C/C++** | Advance
- **Android** | Advance
- **Anaconda** | Jupyter Notebook
- **Netbeans, Visual Studio**
- **Android Studio**
- **Weka**

## COURSES

**Advanced Data Analysis**| 19.5/20  
**Artificial Intelligence**| 19.00/20  
**Basics of Data Mining**| 17.77/20  
**Professional Database**| 20/20  
**Implementation of Database Systems**| 20/20

## LANGUAGES

**Kurdish** | Native  
**Persian** | Native  
**English** | Upper-Intermediate(B2)

## ACADEMIC BACKGROUND

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

Sep. 2014 to Jun. 2018 **B.Sc., Software Engineering**  
*University of Kurdistan, Sanandaj, Iran,*  
(Specialized GPA: 19.15/20, Overall GPA: 18.72/20)

Sep. 2007 to Jun. 2014 **Diploma, Mathematics and Physics**  
*National Organization for Development of Exceptional Talents, Sanandaj, Iran*

## RESEARCH EXPERIENCE

Dec. 2019 to Feb. 2021 **Master Thesis:** Twitter Sentiment Analysis Using Deep Learning Techniques In SemEval-2017 Task 4 Dataset  
**Supervisor:** Prof. Jafar Tanha  
**Grade:** 20/20, [Thesis Abstract](#)

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

## TEACHING EXPERIENCE

Fall 2018 **Teaching Assistant, Database Design Principles Course** at CE Department, University of Kurdistan

Spring 2018 **Teaching Assistant, Implementation of Database Systems Course** at CE Department, University of Kurdistan

Spring 2018 **Teaching Assistant, Software Engineering Course** at CE Department, University of Kurdistan

Fall 2017 **Teaching Assistant, Data Structure Course** at CE Department, University of Kurdistan

## PUBLICATIONS

Apr. 2022 **Sar-Saifee Bahar, Tanha Jafar, Pashazadeh Saeid, Amini Mohammad, "A Hybrid Based Deep Learning Techniques to Twitter Sentiment Analysis on SemEval-2017 Dataset", Submitted To Neural Computing And Applications**

May. 2021 **Sar-Saifee 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/>

## PROFESSIONAL EXPERIENCE

Feb. 2020 to Sep. 2020 **Graphic Designer, APA Center of Kurdistan University, Sanandaj, Iran**

Jun. 2017 to Sep. 2017 **Intern, Android developer, Technology Units Development Center of Kurdistan University, Sanandaj, Iran**

## HONORS & AWARDS

2018 to 2020	<b>Ranked 2<sup>nd</sup> in GPA among all Master students of Computer Engineering Department, <i>University of Tabriz</i></b>
2018 to 2020	<b>Full-tuition Scholarship Awarded</b> , Master programs at Computer Engineering Department, <i>University of Tabriz</i>
2014 to 2018	<b>Ranked 1<sup>st</sup> in GPA among all Bachelor students of Computer Engineering Department, <i>University of Kurdistan</i></b>
2014 to 2018	<b>Full-tuition Scholarship Awarded</b> , Bachelor programs at Computer Engineering Department, <i>University of Kurdistan</i>
2016	<b>Ranked 1<sup>st</sup> in ACM Contest, <i>University of Kurdistan</i></b>

## CERTIFICATION

May. 2021	<b>Participation In The Conference, <a href="#">5<sup>th</sup> Utconf</a>, Tehran, Iran</b>
Apr. 2021	<b>Machine Learning Crash Course</b> , Online Course, <a href="#">Udemy</a>
Mar. 2021	<b>NumPy For Data Science &amp; Machine Learning</b> , Online Course, <a href="#">Udemy</a>
Mar. 2021	<b>Python For Machine Learning With Numpy, Pandas &amp; Matplotlib</b> , Online Course, <a href="#">Udemy</a>
Mar. 2021	<b>Python-Introduction To Data Science And Machine Learning A-Z</b> , Online Course, <a href="#">Udemy</a>
Sep. 2020	<b>ICSD Paper Presentation Certification, <a href="#">5<sup>th</sup> Utconf</a>, Tehran, Iran</b>

## PROJECTS

Dec. 2018	<b>Sentiment Classification In Unlabeled Dataset</b> <ul style="list-style-type: none"><li>• That Sentences are Extracted from Social media (Blogs)</li><li>• Using Machine Learning Methods</li></ul>
Nov. 2018	<b>Text Classification and Train Classifiers on the Collection of Sentences from Wikipedia</b> <ul style="list-style-type: none"><li>• Train the IBk, NB, J48, and JRip Classifiers</li><li>• That Sentences given in English, French, Spanish, and German</li></ul>
May. 2015	<b>Design And Implementation Of Educational Management System In Java</b>

## REFERENCES

Name	<b>Jafar Tanha</b>
Title	Associate Professor
Institution	Computer Engineering Department, <i>University of Tabriz</i>
Email	<a href="mailto:tanha@tabrizu.ac.ir">tanha@tabrizu.ac.ir</a>
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Name	<b>Fatemeh Daneshfar</b>
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