

# CURRICULUM VITAE

## PERSONAL INFORMATION

**Bahar Sar-Saifee**  
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## RESEARCH INTERESTS

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

## SKILLS

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

## LANGUAGES

**Kurdish** | Native  
**Persian** | Native  
**ENGLISH** | Proficient

## 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

## 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)
- 10% 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

## 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 **Ranked 2<sup>nd</sup> in GPA among all Master students of Computer Engineering Department, University of Tabriz**

2018 to 2020 **Full-tuition Scholarship Awarded, Master programs at Computer Engineering Department, University of Tabriz**

2014 to 2018 **Ranked 1<sup>st</sup> in GPA among all Bachelor students of Computer Engineering Department, University of Kurdistan**

2014 to 2018 **Full-tuition Scholarship Awarded, Bachelor programs at Computer Engineering Department, University of Kurdistan**

2016 **Ranked 1<sup>st</sup> in ACM Contest, University of Kurdistan**

## PUBLICATIONS

- Jan. 2022 **Sar-Saifee Bahar**, Tanha Jafar, Aeini Mohammad, "Twitter Sentiment Analysis Using CNN, LSTM and GRU In SemEval-2017 Task 4", **To be Submitted To** Information Sciences Journal
- 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/>

## CERTIFICATION

- May. 2021 **Participation In The Conference**, [5<sup>th</sup> Utconf](#), Tehran, Iran
- Sep. 2020 **ICSD Paper Presentation Certification**, [5<sup>th</sup> Utconf](#), Tehran, Iran

## 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
- May. 2015 **Design And Implementation Of Educational Management System In Java**

## REFERENCES

- |             |   |
|-------------|---|
| Name        | <b>Jafar Tanha</b>  |
| Title       | Associate Professor   |
| Institution | Computer Engineering Department, <i>University of Tabriz</i>  |
| Email       | <a href="mailto:jafar.tanha.pnu@gmail.com">jafar.tanha.pnu@gmail.com</a>                                |
| Linkedin    | <a href="https://www.linkedin.com/in/jafar-tanha-35091324/">linkedin.com/in/jafar-tanha-35091324/</a>   |
| Name        | <b>Pedram Salehpour</b>   |
| Title       | Assistant Professor   |
| Institution | Computer Engineering Department, <i>University of Tabriz</i>  |
| Email       | <a href="mailto:Psalehpour@tabrizu.ac.ir">Psalehpour@tabrizu.ac.ir</a>                                  |
| Name        | <b>Parham Moradi</b>  |
| Title       | Associate Professor   |
| Institution | Department of Computer Engineering, <i>University of Kurdistan</i>                                      |
| Email       | <a href="mailto:p.moradi@uok.ac.ir">p.moradi@uok.ac.ir</a>  |
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