Bahar Sar Saifee

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EDUCATION

University of Tabriz   Tabriz, Iran
M.Sc., Software Engineering. GPA: 18.40/20   Sep. 2018 to Feb. 2021
Relevant Coursework: Advanced Data Analysis, Professional Database

University of Kurdistan   Sanandaj, Iran
B.Sc., Software Engineering. GPA: 18.72/20   Sep. 2014 to Jul. 2018
Relevant Coursework: Artificial Intelligence, Basics of Data Mining, Implementation of Database Systems

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

RESEARCH EXPERIENCE

University of Tabriz   Tabriz, Iran
Dissertation Research   Dec. 2019 to Feb. 2021
Dissertation: "Twitter Sentiment Analysis Using Deep Learning Techniques in SemEval-2017 Task 4 Dataset"
Supervisor: Prof. Jafar Tanha
Grade: 20/20
- Handle Imbalanced Dataset (Data Augmentation)
- 8% Improvement in Twitter Sentiment Classifier

TEACHING EXPERIENCE

University of Kurdistan   Sanandaj, Iran
- **Teaching Assistant,** Database Design Principles Course   Fall 2018
- **Teaching Assistant,** Implementation of Database Systems Course   Spring 2018
- **Teaching Assistant,** Software Engineering Course   Spring 2018
- **Teaching Assistant,** Data Structure Course   Fall 2017

PUBLICATIONS

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

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/

HONORS & AWARDS

University of Tabriz   Tabriz, Iran
Ranked 2nd in GPA among all Master students of computer engineering department   2018 to 2020
Full-tuition scholarship awarded, Master programs at computer engineering department   2018 to 2020

University of Kurdistan   Sanandaj, Iran
Ranked 1st in GPA among all Bachelor students of computer engineering department   2014 to 2018
Full-tuition scholarship awarded, Bachelor programs at computer engineering department   2014 to 2018
Ranked 1st in ACM contest   Feb. 2016

RELEVANT PROJECTS

Research Problem Extraction System   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   Sanandaj, Iran
Graphic Designer   Feb. 2020 to Sep. 2020

Technology Units Development Center of Kurdistan University   Sanandaj, Iran
Android Developer Intern   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