A. MIR

PERSONAL DETAIL

Age: 25
Linkedin profile: linkedin.com/in/mir93
GitHub profile: github.com/mir-am
E-mail: mir-am@hotmail.com
Website: mirblog.me

EDUCATION

Islamic Azad University Feb. 2016 - Present
M.Sc in Computer Science
Minor in Artificial Intelligence & Machine Learning
Thesis subject: Robust Twin Support Vector Machine for Noisy Data
Overall GPA: 3.41 out of 4

WORK EXPERIENCE

Iranian Research Institute for Information Science and Technology July 2017 - Present
Research Asistant at Machine Learning and Text Mining Lab *Tehran, Iran*

- Designed and implemented machine learning algorithms in C++ and Python.
- Published a refereed machine learning research paper in the Journal of Applied Intelligence.
- Developed LightTwinSVM program for the research and classification tasks.

PUBLICATION

Journals

- Mir, A., & Nasiri, J. A. (2018). KNN-based least squares twin support vector machine for pattern classification. Applied Intelligence, 1-14.

Conferences

- A. Mir and Jalal A. Nasiri. Automatic opinion mining of movie reviews using robust twin support vector machine. In *4th Iranian Conference on Computational Linguistics*. Institute for Humanities and Cultural Studies, February 2018
- A. Mir, Somayeh Fatahi, and Jalal A. Nasiri. Prediction of personality models in e-learning environments using twin support vector machine. In *2nd International Conference on Knowledge-Based Research in Computer Engineering and Information Technology*. Allameh Tabataba'i University, September 2017
- A. Mir, Jalal A. Nasiri, and Somayeh Fatahi. Sentiment analysis of movie reviews using least squares twin support vector machine. In *1st Conference on Participles of Electrical and Computer Engineering*. Payame Noor University, July 2017

PROJECTS

LightTwinSVM https://github.com/mir-am/LightTwinSVM
Simple and fast implementation of standard TwinSVM classifer

- A simple console program for running TwinSVM classifier
- The clipDCD algorithm was improved and is implemented in C++ for solving optimization problems of TwinSVM.
- Linear, RBF kernel and Rectangular are supported.
- Binary and Multi-class classification (One-vs-All & One-vs-One) are supported.
- It supports grid search over C and gamma parameters.
- Detailed classification result will be saved in a spreadsheet file.

RESEARCH INTERESTS

- Machine Learning
- Pattern Recognition
- Natural Language Processing

LANGUAGES

- English
- Persian

TECHNICAL SKILLS

Programming Languages	Python, C, Modern C++,
Operating Systems	Linux (Ubuntu), Windows
Databases	MySQL, Microsoft SQL
Source Control	Git, GitHub
Typesetting	LaTeX