Runze Mao

PERSONAL DATA

University | Major: Sun Yat-sen University | Software Engineering
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RESEARCH EXPERIENCE

Deep Learning   In progress

- Learning NLP due to interest in dialogue generation.
- Experienced in word2vec and RNN.
- Teaching assistant of AI course since 3 Sep, 2017.

Matrix Factorization   In progress

- Combining transfer learning with clustering methods like NMF.
- Seeking for highly effective solutions to parallelizing matrix factorization.

Emotional Breakpoints   Mar. 2017 - Jul. 2017

- Worked on a project concerning social sentiment analysis.
- Improved the existing algorithm on the detection of significant emotional changes.
- Results were summarized in *"A Data-processing Method Applied to the Detection of Emotional Breakpoints in Social Media"*, which can be found at https://immrz.github.io.

AI Contest for Course Final   Dec. 2016

- Ranking: 9/162.
- Self-taught SVM.
- Transformed the SMO algorithm into a totally stochastic method and applied it to a multi-classification problem.

EDUCATION

Candidate for bachelor of Engineering, **Sun Yat-sen University**
Major: *Software Engineering*, School of Data Science and Computer
G.P.A.: 85.2/100, TOEFL: 91

PROFESSIONAL SKILLS

Maths: Lagrange multiplier, Bayesian analysis, matrix calculus.

Programming: Experienced in MXNet with python. Proficient in C++ and MATLAB.

HONORS AND AWARDS

Apr. 2017: 3rd prize in *SYSU Collegiate Programming Contest*

Jan. 2016: 2nd prize of Guangdong Province in *Contemporary Undergraduate Mathematical Contest in Modeling*

Dec. 2015: 3rd prize in *SYSU ICPC for Novices*

Nov. 2015: 2nd Prize Scholarship

May 2015: Outstanding member of SYSU Communist Youth League

EXTRACURRICULAR ACTIVITIES

Minister of SYSU Zhuhai Chorus(2015-2016).
Performed in the SYSU 90th anniversary concert(2014) and a cross-strait exchange concert(2016)
Gold award in the Zhuhai Choral Festival(2014).