Zonghan Wu

+86 18801737310
ZONWU453@STUDENT.LIU.SE
HTTPS://CN.LINKEDIN.COM/IN/ZONGHANWU

PROJECT INTERESTS

Natural Language Processing, Text Mining, Machine Learning

EDUCATION

Linkoping University, Linkoping, Sweden

MSc. of Statistics and Data Mining GPA:4.13/5 **August 2014 − June 2016**

University of the Fraser Valley, Abbotsford, Canada

Data Analysis Post-Degree Certificate **September 2013 − June 2014**

University of Shanghai for Science and Technology, Shanghai, China

BSc. of Systems Science and Systems Engineering
(Financial Engineering Division) GPA:3.55/4.5 **September 2010 − June 2014**

EXPERIENCE

Shanghai Gaoxin Computer Systems Co., LTD. , Shanghai, China

NLP Engineer **July 2016 − Present**
Research on natural language understanding.

AIESEC, Pune, India

Volunteer **January 2013 − February 2014**
Interact with physically challenged children.

SKILLS

Python, Torch, Tensorflow, R, Java, Linux shell scripting, SQL, SAS, LaTeX

PROJECTS

Master Thesis Project, Linkoping University

- Title: "Dependency Parsing for Neural Network"
- Supervisor: Marco Kuhlmann
- Link: https://github.com/codyhan/master-thesis

Neural network with the assist of word embeddings alleviates the labor of feature engineering in the field of dependency parsing. This thesis implemented a graph-based dependency parser with a simple feedforward neural network. Experimental results showed that our neural network is effective in capturing syntactic structures of sentences.

Bayesian Analysis of Washington D.C Bike Sharing Data, Linkoping University

In Washington D.C, the bike sharing system allows people to rent public bike from one location and return it at another location. This project estimated the parameters of factors which affect the number of bikes shared during each hour.

Clustering Analysis of Movielens Data, Linkoping University

This project used the self-organizing map to cluster movies based on genre, measured the similarity of users according to the distribution of users vote to movie clusters instead of ratings of movie which they both watched and performed movie recommendations to users.

Bangladeshi NGO Study, University of the Fraser Valley

The NGOs in Bangladeshi loan out money in the form of micro-loans to individuals and businesses to help them achieve success and support their families and communities. We built an statistical model to predict the total loan-out of each NGO.