HAOzhaojun

Algorithm Researcher/Engineer

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Git
github.com/HAOzj

Programming
Python ★★★★☆
go ★★★☆☆
R ★★☆☆☆
Scala ★★☆☆☆

Data Base
MySQL ★★★★☆
Hive ★★★☆☆
Elasticsearch ★★★★☆
MongoDB ★★★☆☆
Neo4j ★★☆☆☆

Languages
Chinese ★★★★★
English ★★★★☆
French ★★★★☆

Career Objectives

As an avid machine learning enthusiast, I'd like to work in the fields related to natural language processing or recommendation systems which could allow me to develop and utilize my knowledge and skills in machine learning and programming. In addition to algorithmic skills, I'm also capable of back-end development in Python and Go.

Working Experience

08/18 - now **NLP Engineer** Xiaoniu animation, Shenzhen, China
1. Generation of word cloud for cartoons
2. Creation of user profile system
3. Participation in building recommendation system
4. Back-end development in Go and Python
5. Data manipulation using Spark

07/18 - 12/17 **NLP Researcher** Zhiyan Technology, Shenzhen, China
1. Implementation and maintenance of NLP algorithms
2. Writing technical documentation
3. Building data-masking platform for internal use

03/17 - 04/16 **Junior Engineer** Pixalione, Great Paris Area, France
1. Research digital advertising strategies on Google Adwords at the level of keyword-based bidding and budget allocation
2. Website traffic prediction by using time-series analysis

04/15 - 10/15 **Intern** VAL EISTI, Great Paris Area, France
1. Research generic recommendation system
2. Implementation of a recommender to match job seekers and job offers

Education Experience

09/2014 - 11/2016 **Engineering Degree in Data Science** EISTI(Grande Ecole), France
Subjects: Data mining, Social Network Analysis, Big Data, Complex Data Analysis.

09/2009 - 07/2014 **Bachelor's Degree in Applied Mathematics** Shanghai University, China
Subjects: Calculus, Linear Algebra, Probability Theory, Measure Theory, Stochastic Process, Operational Research
Top 1% in the college-entrance examination(see academic transcript)

Project Experience

09/18 - 11/18 **Generation of word cloud**

In order to visualize the characteristics of cartoons, I made use of each cartoon's basic information, such as its illustrator and publisher as well as main characters' description, and comments to build word cloud to embellish the cartoon introduction page

01/18 - 06/18 **Implementation of an automatic system to classify the client complaint responses**

We collaborated with China Post to design a system which would examine automatically whether responses to client complaints comply with a set specification or not. The challenge was to develop a system that would work in highly diverse scenarios. We implemented an efficient system combining rule-based and machine learning to meet the requirements, the rule-based part to encode the set specification and the machine learning part to learn experience from the historical cases

Hobbies and Interest

During my free time, I like to play sports, read, and travel. Physical activities allow me to unwind and keep in good health while reading and travelling enable me to broaden my horizons and find new inspirations. I'm passionate about language learning too, excited about sharing thoughts and experiences with people around the world.