

Zinuo Li

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EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY

MS IN COMPUTER SCIENCE

Expected Dec 2017 | Chicago, IL

Current. GPA: 3.73

Concentrate in

Data analysis and Machine Learning

COMMUNICATION

UNIVERSITY OF CHINA

BS IN ELECTRONICS ENGINEERING

Sep 2011 - May 2015 | Beijing, China

Concentrated in

Telecommunication Engineering

COURSEWORK

IN-SCHOOL

Natural Language Processing

Online Social Networking Analysis

Design and Analysis of Algorithm

Science of Programming

Advanced database organization

Network Security

Data structures and Algorithm

COURSERA

Information Retrieval

Machine Learning

SKILLS

PROGRAMMING

Proficient:

- Python • C++ • C
- Matlab • Assembly • SQL

Familiar with:

- Java • HTML
- CSS • PHP • \LaTeX

FRAMEWORKS

Experienced using:

- Django
- Amazon Web Services
- Twitter/Facebook API
- Bing map API • NodeJS

EXPERIENCE

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May 2016 – Sep 2016 | Beijing, China

- Coordinated on an information publication system and user registration and management system using Django.
- Optimized the request time from database about 30% faster by deploying new SQL queries and changing data structures.
- Led a team which responsible for interacting with product manager and front-end developer.
- Reviewed, perfected and pushed the code to actual industrial production.

COMMUNICATION UNIVERSITY OF CHINA

UNDERGRADUATE RESEARCH ASSISTANT

Aug 2014 – Feb 2015 | Beijing, China

- Originated a test project to automatically record all access points information of one WLAN hotspot, such as AP connection time, ftp/http download speed, user authentication time, etc.
- Organized the data by doing data analysis and data visualization using python and Matlab.

PROJECT

AUTOMATIC TEXT SUMMARIZATION

READ THE INPUT PARAGRAPH THEN

AUTOMATICALLY GENERATE SINGLE-SENTENCE SUMMARY

Mar 2017 – May 2017 | Illinois Institute of Technology

- Established a python program which one only need to provide the http address, the program would scrape the paragraph in that page directly and generate the single-sentence summary.
- Analyzed the different approach method by comparing the differences among similarity measurements covered in data mining including tf-idf, word2vec, bm25plus etc.

BUILD TINY DATABASE

IMPLEMENT A TINY DATABASE-LIKE SYSTEM

Mar 2017 - May 2017 | Illinois Institute of Technology

- Designed a tiny database that allows navigation through records and inserting and deleting records.
- Implemented a disk-based B+-tree index structure to reduce the time consuming of data retrieving and manipulating.
- Installed a buffer manager to manage a buffer of blocks in memory and different block replacement method.

ONLINE GROCERY STORE

REALIZE AN ONLINE GROCERY STORE AND ITS ALL ELEMENTARY FEATURES

Oct 2016 – Dec 2016 | Illinois Institute of Technology

- Developed SQL queries to realize the features not only elementary but also advanced.
- Led a three students team to work cooperatively and integrated database queries into front-end features.
- Programmed this program using Java platform and JDBC to connect the database.