

SHERILYN SHIYIN WANG

Computer Science Undergraduate in Tsinghua Yao Class 2020

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RESEARCH EXPERIENCE

Complementary Learning for Named Entity Recognition

Advisor: Jiawei Han, Data Mining Group in UIUC

July 2018 - Sep 2018 Champaign, Illinois, US

- Research on NER(named entity recognition) on biology domain
- Helped to improve the Set Search+ Oxygen demo system for KDD 2018 (not listed as author)

Fast Top-k Area Topics Extraction with Knowledge Base

Advisor: Jie Tang, Data Engineering Group in Tsinghua

Jun 2017 - Sep 2017 Beijing, China

- Proc. IEEE DSC 2018 (<https://arxiv.org/abs/1710.04822>)
- Crawled data from Wikipedia knowledge base
- Designed models to analyze the relationships between concepts
- Contributed by putting forward a method to solve inaccurate data source problem innovatively

Werewolf Game Software

Object-Oriented Programming Course Project

May 2017 - Jun 2017 Beijing, China

- Werewolf is one of the most famous table game among Chinese teenagers
- Enable people to compete with each other online through TCP protocol
- Contributed to all the GUI part and some of the client logic part

LEADERSHIP AND ACTIVITIES

BRICS Youth Forum Delegate

All-China Youth Federation

Aug 2017 Beijing, China

- The highest level of youth official diplomacy
- Negotiated proposal that was submitted to the BRICS Leaders Xiamen Summit

Field Study in Guiyang about Poverty and Big Data Industry

Guizhou-Cloud Big Data

Feb 2018 Guizhou, China

- Interviewed government leaders
- Investigate the rural area and big data industry
- Wrote a report and provide it to the the director of the Guizhou Big Data Development Administration

LIFE PHILOSOPHY

"Keep the spark alive."

EDUCATION

Math Competition Group

Beijing No.4 High School

Sept 2013 - Jun 2013

Bachelor in Computer Science

Tsinghua University

August 2016 - July 2020

Enrolled in the Yao Class (a pilot computer science class of 39 students advised by Turing Award Laureate Professor Andrew Chi-Chih Yao)

Core Courses: Algorithm Design, Machine Learning, Computational Modeling for Urban System Regulation, Numeric Analysis, Date Structure, Mathematics for Computer Science

Overall GPA: 3.4/4.0

Major GPA: 3.5/4.0

Minor in Statistics

Tsinghua University

September 2017 - July 2020

Core Courses: Statistical Inference, Linear Regression, Multivariate Statistical Analysis, Introduction to Data Science, Bayesian Theory

STRENGTHS

Hard-working (18/24)

Persuasive

Motivator & Leader

Network Science

Data Mining

Statistics

LANGUAGES

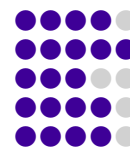
English

Chinese

c++

Python

R



Global South Culture Immersion Program – Egypt

The American University in Cairo

📅 Jan 2018 - Feb 2018

📍 New Cairo, Egypt

- Wrote a paper about the Islamization of Egypt in the sixth century
- Studies two weeks in the American University in Cairo
- Visited historical sites

Sea Turtle Protection Volunteer

World Without Borders

📅 Aug 2017

📍 Galle, Sri Lanka

- 2 weeks exploring and volunteering in Sri Lanka

Student Union

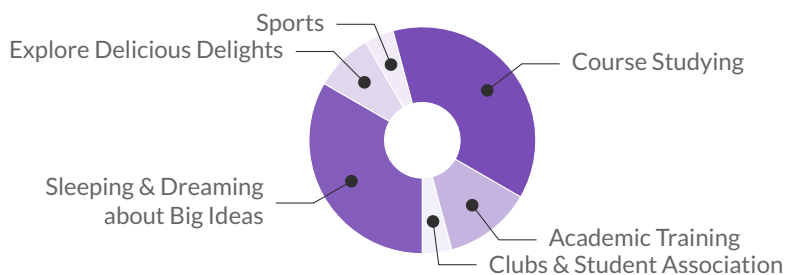
Design Group, CS Department, Tsinghua

📅 Aug 2016 - Present

📍 Beijing, China

- Designed posters for student activity
- Designed stage background for students' festival

A DAY OF MY LIFE



SKILLS



DATA MASSIVE

As a computer science student, I am interested in data science, that's why I choose Statistics as a minor. Apart from university courses, I have also learned useful skills from Udacity and recent papers.



CODING

I am enrolled in Tsinghua Yao Class and won a scholarship for the freshman year. I am familiar with Python, R, and c++. I am willing to learn new programming languages.



Open-minded and Global Experiences

Instead of just sight-seeing, I talked to the local people around the world, such as Nepal, Sri Lanka, Egypt. I did field study in Guizhou in 2017 winter about poverty and big data (iCloud data center is newly launched in Guizhou). Activities like BRICS Youth Forum, IMUSE and Schwarzman Global Solution Festival have provided me a broad view of the global affairs.



English Communication

I am a good communicator. I have participated in many international activities, such as Thailand student reception, Schwarzman Global Solution Festival, IMUSE. I took part in BRICS Youth Forum this summer as a Chinese delegate, which gave me the chance to communicate with elites from other BRICS countries.