Shiyin (Sherilyn) Wang

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EDUCATION

Computer Science, Tsinghua University, Beijing, China   Aug 2016 - Jul 2020

Bachelor of Science in Computer Science; Enrolled in the Yao Class (a pilot computer science class of 30 students advised by Turing Award Laureate Professor Andrew Chi-Chih Yao); Overall GPA: 3.4/4.0; Major GPA: 3.5/4.0

Core Courses: Algorithm Design, Machine Learning, Numeric Analysis, Date Structure, Game Theory, Network Science

Statistics (Minor), Tsinghua University, Beijing, China   Sept 2017 - Jul 2020

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

RESEARCH EXPERIENCES

Complementary Learning for Named Entity Recognition | UIUC | Research Assistant   Jun 2017 - Sept 2017

Advisor: **Jiawei Han**, Abel Bliss Professor, University of Illinois at Urbana-Champaign

- Proposed a learning framework to conduct named entity recognition on multi-source data
- Defined a new problem setting
- Authored a paper that was submitted to AAAI 2019
- Also helped to complete a KDD demo SetSearch+ at the beginning of my intern

Fast Top-k Area Topics Extraction with Knowledge Base | Tsinghua University | Research Assistant   Jun 2017 - Sept 2017

Advisor: **Jie Tang**, Vice Chair of Department of Computer Science and Technology, Tsinghua University

- 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 | Course Project   May 2017 - Jun 2017

Advisor: **Hailong Yao**, Department of Computer Science and Technology, Tsinghua University

- 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   Jul 2017

- Organized by All-China Youth Federation
- The highest level of youth official diplomacy
- Negotiated proposal that was submitted to the BRICS Leaders Xiamen Summit

Tsinghua Global South Culture Immersion Program – Egypt   Jan 2018

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

Field Study in Guiyang about Poverty and Big Data Industry   Feb 2018

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

SKILLS

Programming Languages: Python, C++, R

Language: English (Fluent), Chinese (Native)