

Zihan Wang

zihan_w@berkeley.edu | (+1)720 831 9655

EDUCATION

Exchange Student - University of California, Berkeley

2022 - Present

GPA: 4.00/4.00

Relevant Coursework:

Deep Learning | Reinforcement Learning * | Artificial Intelligence

B.S.E. Computer Science - Renmin University of China

2020 - 2024

GPA: 3.71/4.00

Relevant Coursework:

Linear Algebra | Machine Learning | Data Structure and Algorithm | Python Programming | C & C++ Programming |

Statistics Theory | Probability Theory

* denotes graduate level course

High School - No.1 Middle School Affiliated to Central China Normal University

2017 - 2020

RESEARCH EXPERIENCE

Research Assistant - University of California, San Diego.

Instructor: Pengtao Xie

2022-present

- Designed a domain knowledge transfer method for out-of-domain generalization with neural architecture search

Research Assistant - Beijing Key Laboratory of Big Data Management and Analysis Methods.

Instructor: Zhicheng Dou

2021-present

- Pursuing trustworthy and robust generative language model that utilizes web-retrieved data to generate factually correct contents
- Wrote a paper aiming to solve the challenge of conditional question answering with web pre-training leveraging structure information and contrastive learning
- Read academic material and wrote a literature review on personalized chatbot

Research Assistant - Hillhouse Academy, Renmin University of China.

2021-2022

- Predicted 10000 fund's price through time series analysis and deep neural networks

COMPETITIONS

Honorable Awards - CCF big data and computing intelligence contest

2021-2022

Contest 2021

- Developed a system for customer service call text summary extraction using deep pretrained language models
- Combine Relevant Sentence Extraction and Summary Generation into a 2-stage pipeline to make the summary more faithful and interpretable

Contest 2022

- Developed a system for Few-shot patent type classification with data-augmented fine-tuning leveraging reference and citing information
- Added Triplet Loss to better Minimize distance between intrinsically similar texts and raised performance of 3 point

HONORS & AWARDS

2021 - Academic Excellence Award (Top 3% GPA). *Renmin University of China*

2021 - Merit Student Award. *Renmin University of China*

2021 - Provincial First Prize. *Contemporary Undergraduate Mathematical Contest in Modeling*

2021 - Honorable Mention. *Mathematical Contest in Modeling and Interdisciplinary Contest in Modeling.*

SKILLS

C | C++ | HTML | Python - proficient in pytorch, Transformers, pandas, numpy, sklearn, selenium, flask

LINKS

 github  website