

EDUCATION

Huazhong University of Science and Technology
Department of Software Engineering
Bachelor of Science in Software Engineering

Wuhan, China

09/2018- 06/2022

- Overall GPA: 90.8/100 ranking: 2/233
- GRE: Verbal 155 Quantitative 169 AW 4.5
- Relevant Courses: Linear Algebra (98), Data Structure and Algorithm (92), Discrete Mathematics (98), Calculus (98), Probability Theory (97), Principles of Operating Systems (98), Numerical Methods (100), Digital Logic (90), Information Retrieval (96), Engineering Internship (99), Critical Thinking (98)

RESEARCH INTERESTS

- Natural Language Processing
- Security of NLP
- Textual Adversarial Attack
- Backdoor Attack
- Sememes Computation

RESEARCH EXPERIENCES

THUNLP (Tsinghua University)

Beijing, China

The research group of Prof. Zhiyuan Liu from Tsinghua, working on frontier topics in natural language processing.

Undergraduate Research Assistant, Advisor: Prof. Zhiyuan Liu

10/2020- 01/2021

- **Project: Backdoor Defense**
 - An effective and efficient way to defend against most backdoor attack.
 - Participated in developing the method and conducted all experiments in this project.
 - Wrote a paper for this project and intended to submit it to ACL 2021.

Undergraduate Research Assistant, Advisor: Prof. Zhiyuan Liu

09/2020- 01/2021

- **Project: Backdoor Attack**
 - An effective and potentially more harmful backdoor attack.
 - Participated in formalizing the task and conducted most experiments in this project.
 - Wrote a paper for this project and intended to submit it to ACL 2021.

Undergraduate Research Assistant, Advisor: Prof. Zhiyuan Liu

04/2020- 01/2021

- **Project: The Construction and Improvement of Sememes Knowledge Base**
 - An efficient and controllable way to automatically construct the sememes knowledge base.
 - Conducted all experiments in this project.
 - Wrote a paper for this project and intended to submit it to ACL 2021.

PROJECTS

- **Project: Photo Smart with Poetry**
 - Used Swift language to call Baidu AI library to identify the content of the picture, and according to that to write the corresponding poetry, and shared it on the social platform.
 - Be mainly responsible for logic layer and front end, sent requests to Baidu server and got information, also cooperated with the students who wrote the back end to build a social platform.
- **Project: Photo Sharing Platform iOS App**
 - With Swift language to achieve the image rendering, filters, stickers, as well as picture sharing, punch function.
 - Be mainly responsible for applying UI and image rendering, adding stickers.

COMPETITIONS

- Owned the third prize of CUMCM in 2019.
- Owned the Meritorious prize of MCM in 2020.

SKILLS

- **Programming Languages:** Python, Swift, Java, C

HONORS&AWARDS

- Special A 2020.12
- University-level outstanding cadre 2020.11
- National Scholarship 2020.10
- Merit student scholarship 2020.10
- Academic Excellence Award 2019.10