

Renze Lou

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EDUCATION

Zhejiang University City College (ZUCC), Hangzhou, China Sept 2018-Jul 2022
Bachelor of Engineering in Software Engineering GPA: 3.88/4.0 Average Score: 90/100 Rank: 2/66

SELECTED PUBLICATIONS

(* indicates equal contribution)

1. Yutong Wang*, **Renze Lou***, Kai Zhang*, Maoyan Chen and Yujiu Yang. MORE: A Metric Learning Based Framework for Open-Domain Relation Extraction. In ICASSP 2021.
2. Weicheng Ma*, Kai Zhang*, **Renze Lou**, Lili Wang and Soroush Vosoughi. Contributions of Transformer Attention Heads in Multi- and Cross-lingual Tasks. In ACL 2021 (**Long Oral**).
3. Weicheng Ma*, **Renze Lou***, Kai Zhang, Lili Wang and Soroush Vosoughi. GradTS: A Gradient-Based Automatic Auxiliary Task Selection Method Based on Transformer Networks. In EMNLP 2021.

RESEARCH EXPERIENCE

Remote Research Intern. Minds, Machines and Society Group.	Dartmouth College
Advisor: Soroush Vosoughi , Google Scholar	Oct 2020-Aug 2021
Remote Research Intern. Intelligent Computing Laboratory.	Tsinghua University
Advisor: Yujiu Yang , Research Gate	Jun 2020-Oct 2020
Research Assistant. Institute of Artificial Intelligence.	Zhejiang University City College
Advisors: Lin Sun , Google Scholar and Minghui Wu , Google Scholar	May 2020-Mar 2021

WORK EXPERIENCE

Hangzhou Maixiang Health Technology Co., Ltd	<i>Zhejiang, China</i>
<i>Jun 2021- Sept 2021</i>	<i>NLP Algorithm Intern</i>

- The Construction and Application of Traditional Chinese Medical Knowledge Graph.

PROJECTS

1. Research on Open Relation Extraction in Medical Therapeutic Recording	<i>Leader; May 2021- May 2022</i>
National Innovation Training Program for College Students (202113021002)	15,000 RMB
Key Research and Development Project of Zhejiang Province (2021C01164)	10,000 RMB
2. Research on Named Entity Recognition in Social Media	<i>Member; May 2021-May 2022</i>
National Innovation Training Program for College Students (202113021003)	15,000 RMB

SERVICES

External Reviewer: EMNLP 2021; JIFS.

Leadership: Co-Founder, [CCAI](#) at ZUCC.

Teaching Assistance: Deep Learning Application Development; Object-oriented Programming.

SKILLS

Programming: Python; \LaTeX ; Java; C/C++; Matlab.

Tools: Pytorch; Transformers (huggingface); Keras; Scikit-learn.