Kaiwen Zhou

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Research interests	machine learning, deep learning, computer vision, natural language processing

Education

University of California, Santa Cruz
PhD in Computer Science and Engineering   Sep. 2021 – Present
Advisor: Prof. Xin Wang. *GPA: –.*

Zhejiang University
B.S. in Statistics   Sep. 2017 – June 2021
Advisor: Prof. Kewei Liang. *GPA: 3.89.*

Honors and scholarships

Outstanding undergraduate graduate (Zhejiang University)	2021
Second-class scholarship (Zhejiang University)	2020
First-class scholarship (Hailiang Group)	2020
Second-class scholarship (Zhejiang University)	2019
Provincial Government Scholarship (Zhejiang Province)	2019

Research experience

Dialogue summarization with saliency guidance
Advisor: Prof. Lifu Huang (Virginia Tech)   Sep. 2020 – Feb. 2021
Used importance score from extractive model to guide the seq-to-seq generative model to mitigate the problem of missing important information in the source document.

Pressure control mechanism design for pressure tubing system
Advisor: Professor Zhiyi Tan (Zhejiang University)   Sep. 2019
Used mathematical tools including partial differential equations, Euler methods, polynomial fitting, etc. to model the liquid flow state and design working mechanism for different purpose and situations. Used simulation to demonstrate our methods.

Skills

Programming
Python, C++, Matlab, R.

Languages
English, Chinese, Cantonese

Other interests

Singing, Photographing, Traveling, Working out.