

EDUCATION

• Zhejiang University

Sept. 2020 – Jun. 2024 (Expected)

Bachelor of Engineering in Computer Science and Technology

GPA: Overall 3.9/4.0**Honors Program:** Mixed Class@Chu Kochen Honors College (140/5600)**Research Interests:** Data Mining, HCI

PUBLICATION

Pencil-E: Crafing Functional Electronics Using Pencils and PaperYiyang Li, Tianze Guo, **Jiajun He**, Jiazheng Yu, Hao Dong, Ting Zhang, Guanyun Wang

CHI EA '23

RESEARCH EXPERIENCE

• AINet, Zhejiang University

Hangzhou, China

*Research Intern, advised by Prof. Yang Yang**Mar. 2022 - Present*

- **Graph Machine Learning in Social Networks:** Accurate advertising placement and recall strategies for lost users in social software. Unearthing the correlation between user behavior and its communication network structure.
- **Anomaly Detection in Graphs:** The goal is to understand and detect abnormal vertexes (e.g., users with anomalous behaviors) in large-scale social and information networks.

• Guanyun Lab, Zhejiang University

Hangzhou, China

*Research Intern, advised by Prof. Guanyun Wang**Jun. 2022 - Jan. 2023*

- **New Methods for Personal Fabrication:** E-Pencil, a low-cost, ubiquitous, and accessible sensing and actuating method using pencils and paper for personal fabrication, which is a technology using the basic electrical features of the pencil as a conductive material and the ones of paper as a carrier of pencil traces.

• State Key Laboratory of CAD&CG, Zhejiang University

Hangzhou, China

*Research Intern, advised by Prof. Xiaowei Zhou**Feb. 2023 - Present*

- **View Synthesis:** View synthesis of natural scenes from a single semantic mask combining with neural field and image inpainting.

SELECTED AWARDS AND HONORS

National Olympiad in Informatics in Provinces(NOIP) — First Place	2018
Zhejiang University Third-class Scholarship (top 30%)	2021
China Undergraduate Mathematical Competition(CMC) — Second Prize	2021
China Undergraduate Mathematical Contest in Modeling(CUMCM) — National First Prize	2022
Zhejiang University Undergraduate Mathematical Contest in Modeling — First Prize	2022
Chu Kochen College Top Innovation Scholarship (top 10%)	2022
MathorCup Undergraduate Mathematical Modeling Challenge — Second Prize	2022
Zhejiang University Third-class Scholarship (top 30%)	2022

SKILLS AND OTHER INFORMATION

Programming Languages (frequently used): C/C++, Python, Stata**Python Libraries:** Numpy, PyTorch