

# Yuxin Tian



Gender: female



Birthday: 2003-02



GPA: 3.9/4 or 87/100



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<https://bomingwene.github.io/>



## Education

2021 – present



**undergraduate, Zhejiang University** Computer Science and Technology.

Thesis title: *Computer science and technology.*

## Researches

### Project Experience

- 1 2023.03-2023.05, “Minisql database management system,” A streamlined single-user SQL engine, MiniSQL, was designed and implemented. MiniSQL implements database data definition, data manipulation, data control, and data abstraction.
- 2 2023.09-2024.01, “Iot device management platform,” Implement an IoT device management website using web development techniques. The technology stack used in the project is as follows: front-end: React + Ant Design + React-Router + AutoNavi Map SDK + npm, back-end: Java Spring Boot + Maven + JDBC, MQTT server: Eclipse Mosquitto, database: MySQL.
- 3 2023.09-present, “Augmented reality of cultural relics visual analysis,” As the project leader, I participated in the SRTP undergraduate research training program, and Professor Wu Yingcai served as the project supervisor. At this stage, we have completed the pre-treatment and surface splicing of the fragments of the artefacts. In the next phase, we plan to implement an augmented reality-based visual analysis system for artifacts.
- 4 2023.10-2023.12, “Visual analysis system for soccer tactics,” The project uses data mining algorithms to extract tactical patterns and sequences from soccer match data, and designs effective visualization elements to present the tactics of different teams in the 2017-18 Premier League. The project uses React as a front-end framework.

## Skills

Languages	Strong reading, writing and speaking competencies for English, Mandarin Chinese. CET-6 scores: 579.
Coding	Java, Python, C, Cpp, SQL, ...
Web Dev	HTML, css, JavaScript, React.
Misc.	Academic research, $\LaTeX$ typesetting and publishing.

## Miscellaneous Experience

### Awards and Achievements

- 2022 **Pacesetter of academic excellence**, Zhejiang University.  
 **Third-class Scholarship**, Zhejiang University.
- 2023 **Pacesetter of academic excellence**, Zhejiang University.