

XIANG LI

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EDUCATION:

The Ohio State University, Columbus, Ohio

Bachelor of Science in Computer Science & Engineering. May 2022. GPA: 3.69/4.0

Hangzhou Dianzi University, Hangzhou, China

Bachelor of Engineering in Computer Science. June 2022. GPA: 4.15/5.0

RELEVANT COURSES:

- Database System Concept
- Operating Systems
- Principles of Computer Organization
- Engineering Ethics
- Principles of Microeconomics
- Advanced DBMS
- Cloud Computing Technologies
- Principles of Compilers
- Computer Network
- Consumer Problems and Perspectives

RELEVANT SKILLS:

- Software Development
- C & C++
- System-level Programming
- Linux & Kernel Programming
- SolidWorks
- DB management
- Digital System Design
- Literature Collation
- JAVA
- Photo and Video Editing

RELEVANT

EXPERIENCE:

Hangzhou Dianzi University, Research Center of Cloud Computing, Hangzhou, CHN

Research Assistant (June 2019 – July 2020)

- Participate in the development of business middle-office projects -- Customize digital process to improve digital communications for large organizations resulting in increased efficiency.
- Implemented induction of microservices and the design of APIs in the project.
- Wrote program in JAVA using Spring VMC.
- Migrated from Tomcat to Cloud Foundry to improve accuracy and robustness.
- Translate project documents in English.

Hangzhou Dianzi University, Lab of Network Security & Internet, Hangzhou, CHN

Research Assistant (July 2020 – present)

- Proposing to use randomized algorithm through literature reading to reduce the time complexity of Join operation in database query processing and extended the algorithm from standalone database systems to distributed database systems.
- Using TPC-H data set and IMDB data set to test the algorithm to comprehensively analyze the performance of the algorithm and propose improvements.
- Research paper is in processing.

WORK EXPERIENCE:

Hangzhou Dianzi University, School of Computer Science, Hangzhou, CHN

Teaching Assistant for Principle of Computer Organization (Feb 2021 – present)

- Teaching and evaluate all the lab of the course (24hr) and teaching lecture with teacher (12hr).
- The only UTA independently teaching lab part and the only TA teaching part of the lecture.

Hangzhou Dianzi University, School of Computer Science, Hangzhou, CHN

Teaching Assistant for C programming language (Mar 2019 – June 2019)

- Providing practice questions and test cases for coursework.
- Maintaining Online Judge System for coursework

HONORS:

- Dean's List of College of Engineering in the Ohio State University
- Honors College in Hangzhou Dianzi University
- The Third Prize Scholarship in Hangzhou Dianzi University

ACTIVITIES:

- Youth Volunteer Association of Honors College, Chief of Department of External Relations (June 2019- May 2020)
- Office of Admission in Hangzhou Dianzi University, Volunteer (Sept. 2019 – July 2020), help our university holding test of independent recruitment.