

Yichong Liu

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EDUCATION

University of Massachusetts Amherst

Bachelor of Science in Computer Science, Minor in Mathematics

Amherst, MA

Aug. 2020 – Feb. 2023

Zhejiang Gongshang University

Bachelor of Science in Computer Science and Technology

Hangzhou, China

Aug. 2018 – June 2020 (transfer)

EXPERIENCE

Web Developer Intern

SciQuel Team at Harvard Innovation Lab

June. 2022 – Present

Boston, MA

- Utilize Next.js and React.js to participate developing a website.
- Using Git + Github to manage the project and handle pull requests

Undergraduate Course Assistant

Manning College Information and Computer Sciences, UMass Amherst

Sep. 2022 – Dec. 2022

Amherst, MA

- UCA for UMass Amherst COMPSCI 377 Operating Systems.
- Attend lectures to provide assistance to in-class activities, hold weekly office hours, grade assignments, and answer questions both online and during weekly in-person labs.

Back-end Developer Intern

Zhejiang Gongshang Software Laboratory

Nov. 2019 – June. 2020

Hangzhou, China

- Utilized Python, Machine learning model (Semi-Supervised Learning, SSL), flask, and enterprise data, including training dataset and test dataset, to construct model evaluation through data governance and analysis to make a comprehensive assessment of the company's operating status and future development.
- Write 20+ pages project documents using LaTeX and complete the final oral presentation.
- The work won a second place at the University Student Service Outsourcing Innovation and Entrepreneurship Competition in China.

Java Software Developer Intern

Sichuan Behome Prominent Technology Co., Ltd

July. 2019 – Aug. 2019

Chengdu, China

- Develop school management system to help instructors with homework corrections and grade records
- Design, develop, troubleshoot, debug, test and implement codes by using Java springboot, Microsoft SQL server, Git + Gitee, etc.

PROJECTS

Rentern | *Bootstrap, HTML/CSS, Javascript, PostgreSQL*

Feb. 2022 – May. 2022

- Developed a full-stack website to help people find ideal roommates based on their preferences
- Utilize PostgreSQL as the back-end, Bootstrap and pure HTML/CSS as the front-end.
- The chatting page is a plus using web sockets implemented in Javascript
- Project management and version control using Git/Github collaborating with three teammates

Word Scrabble | *HTML/CSS, Javascript*

Feb. 2022 – May 2022

- Developed a clone of word scrabble game using HTML/CSS and Javascript.

TECHNICAL SKILLS

Languages: Java, C/C++, JavaScript, HTML/CSS, SQL/MySQL/PostgreSQL, Python, MATLAB

Frameworks: React.js, Node.js, Next.js, Bootstrap, Springboot, Pytorch, TensorFlow

Developer Tools: Git, Github, Maven, Postman, VSCode, Eclipse, VS, IDEA, Android Studio, Pycharm

Libraries: pandas, NumPy, Matplotlib