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Qingcheng Zhao

GitHub: Clarivy
My Blog

EDUCATION

Undergraduate of Computer Science and Technology
School of Information and Technology, ShanghaiTech University
GPA : 3.66/4.0
Rank : 35/180 in the major
TOEFL Score: 95

Sep. 2021 - Jul. 2025 (Expected)

EXPERIENCE

DJI Technology Co., Ltd.
Test Development Engineer (Internship)

Jun. 2022 - Nov. 2022

- Data Visualization: Built a Qt application interacting with Drones through ADB (Android Debug Bridge) that could collect, analyze and visualize data from Drones. Developed a visualization analyzer that collect 2.4Ghz, 5.2Ghz and 5.8Ghz freq scan data from Drones and visualize them in real time. Using parallel computing to speed up the data processing and visualization. Profiling the existing system and optimizing the performance of the application.

Deemos Technologies Inc.
Software Engineer(Internship)

Nov. 2022 - Present

- Built a high precision color correction system for high accuracy and resolution 3D scanning images.
- Built an AI model to synthesis 3D models texture from 2D images based on Nvidia StyleGAN2 and Pix2PixHD.
- Built a real-time 3D interactive avatar system demo based on audio driven facial expression technologies.

GeekPie Association
President of GeekPie Association

Sep. 2021 - Present

- Built a web application for helping every student in ShanghaiTech to choose their courses. Visit coursebench.geekpie.club to check it out.
- Built G22G (also known as GeekPie 2022 Game) frontend. Visit g22g.geekpie.club to check it out.
- Built the homepage of FolST2021 conference (Frontier of Life Science and Technology ShanghaiTech University). You can visit [FolST2021](https://folst2021.com) to find the demo.

Office of Environment Health and Safety, ShanghaiTech University
Assistant Manager

Sep. 2021 - Sep. 2022

- Built a web application for MSDS information searching and management.
- Maintained the website of EHS training system. Visit [elearning](https://elearning.shanghaitech.edu.cn) to check it out.

AWARDS

Bronze Medal
The 2021 China Collegiate Programming Contest, Harbin Site
One-hundred Fourth Place
The 2021 ICPC Asia-East Continent Final Contest
Shanghai Makers Contest
First Prize

2021

2021

2021

SKILLS

Programming Python, C, C++, Git, L^AT_EX, Matlab, Markdown, Javascript, HTML, CSS

Communication Chinese (native), English

Other Video Editing(DaVinci Resolve), Github, Microsoft Office