

Log Creative

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EDUCATION EXPERIENCES

Shanghai Jiao Tong University Master Student (2nd year)
Computer Technology @ School of Computer Science

Shanghai, China
Expected 2023.9–2026.6

Shanghai Jiao Tong University Bachelor
Computer Science and Technology @ SEIEE
Mathematics @ School of Mathematical Sciences

Shanghai, China
2019.9–2023.6
Transferred 2018.9–2019.8

SKILLS

- ✓ Familiar with Python (pytorch, transformers, ...), C/C++, C#/VB.NET, \LaTeX programming. 2018–2025
- ✓ Acknowledge HTML/CSS/JavaScript, Vue.js and Next.js frontend framework, an open-source full-stack project:  PGFPlotsEdt ★ 74, an openInula class project: inula-docdemo. 2020–2025
- ▢ Get started with Java and Rust. 2020
- ✓ Acknowledge cmd/PowerShell/bash/lua script languages, version control tool Git, and continuous integration tool GitHub Actions for constructing workflows of various open source projects. 2021–2025
- ✓ Acknowledge Unity to make Virtual Reality (VR) programs. Previously researched in VR full body gesture reconstruction and collision sound simulation. 2019–2020, 2023–2024

INTERNSHIP & COMMUNITY

Shanghai Baosight Software Co., Ltd. Intern

2024–Present

Research on LLM and Agent, focusing on LLM routing and Text-to-SQL problems. Use SFT and GRPO algorithms to finetune the LLM based on transformers library, and construct the agent framework based on LangChain/LangGraph to improve the automation level of many tasks.

SJTU Linux User Group · SJTUT \TeX Maintainer

2021–Present

Maintainer of \LaTeX Beamer Template  SJTUBeamer ★ 717, and one of the authors of \LaTeX lecture  sjtulib-latex-talk ★ 67, servicing the \TeX users across the campus.

SJTU Art Center · Leader of Tech Department

2019–2020

Related Work | Video Producer. Create multi-streaming software  ACLiveConsole ★ 7 to manage nginx visually, support art processing of bilibili danmaku, and fluent PGM animation. The software has serviced 12 in-school events, including the commercial ones.

CONTESTS

National Undergraduate IOT Design Contest · HarmonyOS Special Award (10/1417)

2022

Develop a HarmonyOS App based on the technology of distributed database, to service the hybrid class with social distancing. Build a cloud platform to interconnect clients, web, and a hardware.

Microsoft Research Asia Practice Space Project

2021

 mnist-calculator creates a hand-written calculator based on CNN,  custom-tensor-op implements convolution layer based on pytorch API (Python/C++),  qlib-CNN implements a simple convolution model to make analysis on stock market.

Mathematical Contest in Modeling (MCM) · Meritorious Winner

2021

Redefine the distance of DBSCAN in Python sklearn library, in order to perform a better prediction in the range of wildfire. Perform geographical calculations in Mathematica.

PUBLICATION

ViTframe: Vision Transformer Acceleration via Informative Frame Selection for Video Recognition. In: *IEEE International Conference on Computer Design (ICCD)*. Second author. 2023

In this paper, we propose a novel method to accelerate the inference of video recognition models like TimeSformer and MViT. We introduce a frame selection mechanism that selects informative frames based on the metric of SSIM from the video input, reducing the computational cost while maintaining accuracy loss within 1%.