BO YANG

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Education

ShanghaiTech University **Sep. 2022 – Present**
Master of Science in Computer Science, GPA 3.84/4.0 *Shanghai, China*
Research Interests: Design Generation, Computer Graphics

University of California, Berkeley **Jul. 2019 – Aug 2019**
ShanghaiTech-UC Berkeley Summer School Exchange Program, GPA 4.0/4.0 *Berkeley, California, US*

ShanghaiTech University **Sep. 2018 – Jun 2022**
Bachelor of Science in Computer Science, GPA 3.32/4.0 *Shanghai, China*

Relevant Coursework

- Deep Learning (4.0/4.0)
- Project Practice for Deep Learning (4.0/4.0)
- Algorithm Design and Analysis (4.0/4.0)
- Computer Vision II (3.7/4.0)
- Natural Language Processing (3.7/4.0)

Research Projects

Text-guided Saliency Prediction for Graphic Design **Jul 2023 – Jan 2024**

- Propose a weakly supervised learning method for predicting saliency maps on graphic designs using natural language supervision
- Submitted to CVPR 2025, third student author.

Order-aware Vector Graphic Design Generation **Jan 2024 – Jan 2025**

- Develop a method to optimize the ordering of graphic elements to improve the performance of generative models of graphic designs.
- Submitted to SIGGRAPH 2025 (Journal-only track), **sole first author** with advisor as corresponding author.

Experience

VRVC-Lab, ShanghaiTech University **Jan 2022 – Sep 2022**
Research Intern, Supervised by Prof.Jingyi Yu and Prof.Lan Xu *Shanghai, China*

- Contributed to two paper for SIGGRAPH 2022 and SIGGRAPH Asia 2022, responsible for designing and rendering figures for the paper and producing demonstration videos.

NeuDim Digital Technology Inc. **Jul 2022 – Sep 2022**
Graphic Design Intern *Shanghai, China*

- Designed the initial logo and the official website layout/style for the company during its early stages.
- Created the graphical user interface (GUI) for the company's first scan and reconstruction software for PC platforms.

Shanghai BnZ Film Technology Studio **Sep 2022 – Present**
Co-founder *Shanghai, China*

- Founded a studio dedicated to providing scientific visualization through graphic design, animations, and videos.
- Designed over 50 animations and videos for research entities such as *IAMCAS* and *the Journal of AMR*.

Awards

- ***Merit Student*** of ShanghaiTech University (**top 10%**) **Dec 2023**
- ***Outstanding Teaching Assistant*** in SIST, ShanghaiTech University **Nov 2023/Nov 2024**

Technical Skills

Programming: C, C++, Python(Pytorch), MATLAB, Linux, LaTeX
Languages: Mandarin Chinese(Native), English(Fluent)