

Bo Yang (楊博)

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EDUCATION (IN CHRONOLOGICAL ORDER)

ShanghaiTech University <i>Bachelor of Science in Computer Science, GPA 3.32/4.0</i>	<i>Sep. 2018 – Jun 2022</i> <i>Shanghai, China</i>
University of California, Berkeley <i>ShanghaiTech-UC Berkeley Summer School Exchange Program, GPA 4.0/4.0</i>	<i>Jul. 2019 – Aug 2019</i> <i>Berkeley, California, US</i>
ShanghaiTech University <i>Master of Science in Computer Science, GPA 3.82/4.0</i> <i>Advisor: Prof. Ying Cao</i>	<i>Sep. 2022 – Aug. 2025 (Expected)</i> <i>Shanghai, China</i>

RESEARCH INTERESTS

Graphic Design Generation; Layout Generation; Generative Model

PUBLICATIONS

- **Order Matters: Learning Element Ordering for Graphic Design Generation**
Bo Yang, Ying Cao
ACM SIGGRAPH 2025 (Journal Track)
Develop a method to optimize the ordering of graphic elements to improve the performance of generative models of graphic designs.

RESEARCH PROJECTS

- **Learning Cross-Modal Interaction for Joint Image-Layout Template Generation**
Co-First author
ICCV 2025 (Under Review)
Developed a novel framework for joint image-layout template generation through cross-modal diffusion modeling.
- **Editable Vector Design Generation from Text**
Second author
ICCV 2025 (Under Review)
Proposed an end-to-end framework for text-to-vector-design generation with authentic design intentions.

EXPERIENCE

VRVC-Lab, ShanghaiTech University <i>Research Intern, Supervised by Prof. Jingyi Yu and Prof. Lan Xu</i>	<i>Jan 2022 – Sep 2022</i> <i>Shanghai, China</i>
<ul style="list-style-type: none">• Contributed to two paper for SIGGRAPH 2022 and SIGGRAPH Asia 2022, responsible for designing and rendering figures for the paper and producing demonstration videos.	
Shanghai BnZ Animation Studio <i>Co-founder</i>	<i>Sep 2022 – Jan 2025</i> <i>Shanghai, China</i>
<ul style="list-style-type: none">• 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 <i>IAMCAS</i> and <i>the Journal of AMR</i>.	

AWARDS

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

RELEVANT COURSEWORK

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

TEACHING

- CS280: Deep Learning - Spring, 2025/24/23, Head Teaching assistant.
- CS280: Deep Learning - Fall, 2024/23, Teaching assistant.