Bo Yang (楊博)

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EDUCATION (IN CHRONOLOGICAL ORDER)

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

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. 2022 – Dec. 2025 (Expected)*
Master of Science in Computer Science, GPA 3.84/4.0   *Shanghai, China*
Advisor: Prof.Ying Cao

RESEARCH INTERESTS

Graphic Design Generation; Computer Graphics; 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   *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.

Shanghai BnZ Animation Studio   *Sep 2022 – Jan 2025*
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*

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)

TEACHING

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