

# Bo Yang (楊博)

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## EDUCATION (IN CHRONOLOGICAL ORDER)

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### ShanghaiTech University

*Bachelor of Science in Computer Science, GPA 3.32/4.0*

*Sep. 2018 – Jun 2022*

*Shanghai, China*

### University of California, Berkeley

*ShanghaiTech-UC Berkeley Summer School Exchange Program, GPA 4.0/4.0*

*Jul. 2019 – Aug 2019*

*Berkeley, California, US*

### ShanghaiTech University

*Master of Science in Computer Science, GPA 3.84/4.0*

*Sep. 2022 – Dec. 2025 (Expected)*

*Shanghai, China*

*Advisor: Prof. Ying Cao*

## RESEARCH INTERESTS

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Graphic Design Generation; Computer Graphics; Generative Model

## PUBLICATIONS

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- **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

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- **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.

- **Text-guided Saliency Prediction for Graphic Design**

**Third author**

ICCV 2025 (Under Review)

A weakly supervised learning method for predicting saliency maps on graphic designs using natural language supervision.

## EXPERIENCE

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### VRVC-Lab, ShanghaiTech University

*Research Intern, Supervised by Prof. Jingyi Yu and Prof. Lan Xu*

*Jan 2022 – Sep 2022*

*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

*Co-founder*

*Sep 2022 – Present*

*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

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- **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)
- 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

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