

# BO YANG

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## Education

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**ShanghaiTech University** **Sep. 2022 – Present**  
*Master of Science in Computer Science, GPA 3.80/4.0* *Shanghai, China*

*Research Interests: Data-driven Design Intelligence, Human-Computer Interaction*

**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

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- 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

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**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 IJCAI 2024).

**Order-aware Vector Graphic Design Generation** **Jan 2023 – Present**

- Develop a method to optimize the ordering of graphic elements to improve the performance of generative models of graphic designs (to be submitted to SIGGRAPH Asia 2024).

## Experience

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**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

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

## Technical Skills

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**Programming:** C, C++, Python(Pytorch), MATLAB, Linux, L<sup>A</sup>T<sub>E</sub>X

**Languages:** Mandarin Chinese(Native), English(Fluent)