







# Yipeng ZHANG (张翼鹏)

 Female  Beijing  [yipengzhang22.github.io](https://yipengzhang22.github.io)  
 +86-185-4346-5732  [yp-zhang22@mails.tsinghua.edu.cn](mailto:yp-zhang22@mails.tsinghua.edu.cn)

## Competences & Language

<b>Programming</b>	Python, C, C++, Java, Javascript
<b>Web Development</b>	Flask, jQuery, Vue, Springboot
<b>Data Visualization</b>	D3.js, ECharts, Antv
 <b>English</b>	CET4-607, CET6-520, IELTS-7.0

## Education

Jul. 2025	Institute of Education, <b>Tsinghua University</b> , Advised by <a href="#">Prof. Xiaofeng TANG</a>
Sept. 2022	Master of Education, Future Education and Learning (GPA 3.98/4)
Jul. 2024	School of Software, <b>Tsinghua University</b>
Sept. 2022	Big Data Capability Improvement Project (GPA 4/4)
Jul. 2022	School of Computer Science and Technology, <b>East China Normal University</b> , Advised by <a href="#">Prof. Chenhui LI</a>
Sept. 2018	Bachelor of Engineering, Computer Science and Technology (GPA 3.67/4, Rank 4/130)

## Project Experience

Sept. 2020	<b>U-Doctor</b> , Medical Consultation Service App
Sept. 2019	› Front-end Development, Page Design › East China Normal University Innovation Training Project
Sept. 2021	<b>Poetry Museum</b> , Poetry Learning and Communication Website(Software Copyright)
Mar. 2020	› Front-end Development, Back-end Development, Page Design › East China Normal University Innovation Training Project
Jun. 2022	<b>Gvoad:Academic Data Geographic Visualization System</b>
Oct. 2021	› Crawler, Front-end Development, Back-end Development, Data Visualization › Graduation Project
Jun. 2023	<b>Cancer Patient Data Management System</b>
Mar. 2023	› Front-end Development, Back-end Development, Data Visualization › Yiduo Cloud Internet Hospital Co., Ltd., School of Software, Tsinghua University
Present	<b>Tsinghua University Liberal Arts “Shuang Gao” &amp; Case Database Project</b>
Feb. 2024	› Survey, Interview, Case Writing › Tsinghua University Humanities Construction Center

## Research Experience

TVCG Under Review	<b>GVVST: Image-Driven Style Extraction from Graph Visualizations for Visual Style Transfer</b> <a href="#">Sicheng Song</a> , <a href="#">Yipeng Zhang</a> , <a href="#">Yanna Lin</a> , <a href="#">Huamin Qu</a> , <a href="#">Changbo Wang</a> , and <a href="#">Chenhui Li</a>
VIS2024 Under Review	<b>NeuralDE: Attention-Aware Neural Density Estimation for Spatial Discrete Data Visualization</b> <a href="#">Yipeng Zhang</a> , <a href="#">Yaxuan Zheng</a> , <a href="#">Huayuan Ye</a> , <a href="#">Chenhui Li</a> , and <a href="#">Changbo Wang</a>
China VIS 2023 Poster Accept	<b>Exploring the impact of visualization tools on algorithm learning</b> <a href="#">Yipeng Zhang</a> , <a href="#">Xiaofeng Tang</a> , <a href="#">Gaoqi He</a> , and <a href="#">Chenhui Li</a>

## Internship Experience

---

Aug. 2023	<b>Jiangsu Environmental Protection Group Co., Ltd.</b>
Jun. 2023	<ul style="list-style-type: none"><li>➤ Geographic Information System Development(Vue, Flask, OpenLayers), Deep Learning Models(SegNet, BIT-based Net, STANet)</li><li>➤ <a href="#">Cooperative Practice Project of the School of Software, Tsinghua University</a></li><li>➤ Patent Application in Progress(First Student Author)</li></ul>

## Awards and Honors

---

Math	<ul style="list-style-type: none"><li>➤ Third Prize in the 13th National College Student Mathematics Competition(2019)</li><li>➤ First Prize in the National College Mathematics Ability Challenge(2020)</li><li>➤ First Prize in the “Hua Jiao Cup” National College Student Mathematics Competition</li><li>➤ Second Prize, American College Student Mathematical Modeling Competition (2021)</li></ul>
Algorithm	<ul style="list-style-type: none"><li>➤ Second Prize in C/C++ Programming(College Group A), National Blue Bridge Cup Software and Information Technology Talent Competition (2020)</li><li>➤ Silver Prize, National College Student Algorithm Design and Programming Challenge (2020)</li><li>➤ Silver Prize, “Chuanzhi Cup” National College Student IT Skills Competition</li><li>➤ Silver Medalist, China Collegiate Programming Contest(CCPC 2022)</li></ul>
Scholarship	<ul style="list-style-type: none"><li>➤ Special Prize Scholarship, East China Normal University (2019, 2020-Rank 3,4/130)</li><li>➤ <a href="#">Outstanding Award, KuanRui Technology Scholarship (2022-Rank 1/130)</a></li><li>➤ Comprehensive First-Class Scholarship, Tsinghua University (2023, Top 15%)</li></ul>
Project	<ul style="list-style-type: none"><li>➤ Third Prize in the Internet Plus and Discovery Cup Software Design Competition</li><li>➤ Second prize in the East China Normal University Computer Application Ability Competition</li><li>➤ Third prize in the Shanghai Computer Application Ability Competition</li></ul>
Others	<ul style="list-style-type: none"><li>➤ Excellent Student, East China Normal University (2019, 2020, 2021, Top 5%)</li><li>➤ <a href="#">Outstanding Graduate of Shanghai (2022, Top 5%)</a></li></ul>

## Personal Summary

---

I have good self-motivation and strong desire to study for a Ph.D. My research interests lie in the intersection of data visualization, visual analytics, AI for VIS and E-learning.