EDUCATION	
• ETH Zürich	Zürich, Switzerland
Master of Science in Computer Science; Direct Doctorate Program	Sep. 2021 - Jun. 2024 (Expected)
• Shanghai Jiao Tong University	Shanghai, China
Bachelor of Engineering in Computer Science; GPA: 3.92/4.30, 90.3/100	Sep. 2016 - Jun. 2020
Experience	
• CADMO, ETH Zürich	Zürich, Switzerland
Researcher in Prof. Emo Welzl's Group	Oct 2022 - Present
• Unique Sink Orientation : Study the combinatorial structure of all the U the symmetric difference map between any ordinary USO and the uniform Transformations under which the USO polytope is a fixed point.	USOs of the same cube, and characterize USO. Figure out all the affine
• Hidden Points and Hidden Vertices : Prove that the hidden point prob visible area set system is bounded by the logarithm of the number of reflex	lem is in $\exists \mathbb{R}$, and the VC-dimension of vertices.
 Introduce novel techniques such as convex/reflex chains and continuous visi polygons, funnel polygons, pseudo-triangles, fan-shaped polygons, and stair Skills: Graph Theory, Computational Complexity, Computational 	bility graph, and find solutions for spiral case polygons. <i>Master's Thesis</i> Geometry, Scientific Writing
• Meituan	Beijing, China
Machine Learning Engineer in AI Center	Jul. 2020 - Feb. 2021
• AutoVision: A cloud platform to automatically conduct neural architectur hyperparamters optimization based on the MNN framework.	re search, model compression and
• Memory-Efficient Neural Architecture Search: A training and inference collapse in memory-efficient NAS Highest level core natent in 2020	nce scheme to eliminate the performance
• Skills: Machine Learning, Pytorch, iOS APP Dev, Swift	
• MVIG, Shanghai Jiao Tong University	Shanghai, China
Undergraduate Researcher in Prof. Cewu Lu's Group	Jul. 2018 - Jun. 2020
 CyberPanda: A novel universal robotic arm simulator with photorealistic procedure call system, rendering pipeline and the physics engine in the plat Transferable Active Grasping: Improve the viewpoint optimization straresulting in a reliable grasping algorithm with higher success rate. <i>ICRA</i> Skills: Computer Vision, Deep Learning, Unreal Engine 4, C#, gl 	visual feedback; Integrate the remote form. Bachelor's Thesis stegy to deal handle sparse reward issue, 2020 RPC
Selected Awards	
Outstanding Graduate of Shanghai Jiao Tong University	Jun. 2020
• The First Prize Scholarship at Shanghai Jiao Tong University	2016-2018
• 2nd Place, ICPC 2021-2022 Swiss Subregional Individual Cor	Nov. 2021
• 2nd Place, ACM-ICPC 2017-2018 Hua-Lien Regional Contest	Nov. 2017

• Gold Medal 6th Place, ACM-ICPC 2017-2018 Xi'an Regional Contest Oct. 2017

Selected Publications

- Xiaoxing Wang*, Xiangxiang Chu*, **Yuda Fan**, Zhexi Zhang, Junchi Yan, *ROME: Robustifying Memory-Efficient NAS via Topology Disentanglement and Gradients Accumulation*, *ICCV 2023*
- Xiangyu Chen*, Zelin Ye*, Jiankai Sun, **Yuda Fan**, Fang Hu, Chenxi Wang, and Cewu Lu, *Transferable Active Grasping and Real Embodied Dataset*, *ICRA 2020*.