

EDUCATION	McCormick School of Engineering, Northwestern University <i>Ph.D. in Computer Science</i>	Evanston, USA 2025 - 2030 (<i>expected</i>)
	<ul style="list-style-type: none"> • Advisor: Prof. Karan Ahuja • Research area: Human Computer Interaction 	
	GRASP Lab, University of Pennsylvania <i>M.S.E. in Robotics</i>	Philadelphia, USA 2023 - 2025
	<ul style="list-style-type: none"> • GPA: 4.00/4.00, Rank: 1/64. 	
PUBLICATIONS	School of Mechanical Engineering, Xi'an Jiaotong University <i>B.E. in Industrial Design</i>	Xi'an, China 2019 - 2023
	<ul style="list-style-type: none"> • GPA: 3.86/4.30, Rank: 1/21. 	
	<ol style="list-style-type: none"> 2. Shan-Yuan Teng*, Gene Kim*, Xuanyou Liu*, Pedro Lopez (*equal contribution). Seeing with the Hands: A Sensory Substitution That Supports Manual Interactions. <i>Conference on Human Factors in Computing Systems</i>, 2025. [DOI] 1. Hongnan Lin, Xuanyou Liu, Shengsheng Jiang, Qi Wang, Ye Tao, Guanyun Wang, Wei Sun, Teng Han, and Feng Tian. TacTex: A Textile Interface with Seamlessly-Integrated Electrodes for High-Resolution Electrotactile Stimulation. <i>Conference on Human Factors in Computing Systems</i>, 2024. [DOI] 	
PROJECTS	Compact Electrotactile Module for Wearable Haptic Interfaces [LINK] <i>Independent Study, University of Pennsylvania</i>	2024.08 - 2024.012
	Variable Topology Trusses Robot [LINK] <i>ModLab, University of Pennsylvania</i>	2024.01 - 2024.05
	Ins-Bucks Food 3D Printer Design - Most Innovative Award [LINK] <i>RCA-Imperial Design for Global Challenges Competition</i>	2021.06 - 2021.07
INTERNSHIPS	Luxottica Tristar Optical Co., Ltd. Dongguan, China	2020.07 - 2020.09
	<ul style="list-style-type: none"> • Position Title: Intern, Component Factory • Enhanced lost-wax casting processes by adjusting key parameters and tooling. • Optimized the Ladder Logic Programming Language of the production line. 	
AWARDS AND HONORS	TGS First-Year Fellowship , Northwestern University	2025.07
	GAPSA Professional Student Travel Award , University of Pennsylvania	2025.04
	Outstanding Graduate , Xi'an Jiaotong University	2023.07
	Outstanding Student Leader , Xi'an Jiaotong University	2023.07
	2nd National Price , National Chemical Engineering Design Competition	2022.08
TEACHING AND LEADERSHIP	Funder & Volunteer: <i>United Nations Children's Fund (UNICEF)</i> .	
	Teaching Assistant: <i>ESE5190 Smart Devices, University of Pennsylvania</i> .	
	Code Instructor: <i>Fife-Penn CS Academy</i> .	
	Student Representative: <i>Global Youth Forum 2021, International Labor Organization</i> .	