

EDUCATION	<b>McCormick School of Engineering, Northwestern University</b>	Evanston, USA
	<i>Ph.D. in Computer Science</i>	2025 - 2030 ( <i>expected</i> )
	<ul style="list-style-type: none"> <li>• Advisor: Prof. Karan Ahuja</li> <li>• Research area: Human Computer Interaction</li> </ul>	
	<b>GRASP Lab, University of Pennsylvania</b>	Philadelphia, USA
PUBLICATIONS	<i>M.S.E. in Robotics</i>	2023 - 2025
	<ul style="list-style-type: none"> <li>• GPA: 4.00/4.00, Rank: 1/64.</li> </ul>	
	<b>School of Mechanical Engineering, Xi'an Jiaotong University</b>	Xi'an, China
	<i>B.E. in Industrial Design</i>	2019 - 2023
PROJECTS	<ul style="list-style-type: none"> <li>• GPA: 3.86/4.30, Rank: 1/21.</li> </ul>	
	2. Shan-Yuan Teng*, Gene Kim*, <b>Xuanyou Liu*</b> , 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, <b>Xuanyou Liu</b> , 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]	
INTERNSHIPS	<b>Compact Electrotactile Module for Wearable Haptic Interfaces</b> [LINK]	
	<i>Independent Study, University of Pennsylvania</i>	2024.08 - 2024.012
	<b>Variable Topology Trusses Robot</b> [LINK]	
	<i>ModLab, University of Pennsylvania</i>	2024.01 - 2024.05
AWARDS AND HONORS	<b>Ins-Bucks Food 3D Printer Design - Most Innovative Award</b> [LINK]	
	<i>RCA-Imperial Design for Global Challenges Competition</i>	2021.06 - 2021.07
	<b>Luxottica Tristar Optical Co., Ltd.</b>   Dongguan, China	2020.07 - 2020.09
	<ul style="list-style-type: none"> <li>• <b>Position Title:</b> Intern, Component Factory</li> <li>• Enhanced lost-wax casting processes by adjusting key parameters and tooling.</li> <li>• Optimized the Ladder Logic Programming Language of the production line.</li> </ul>	
TEACHING AND LEADERSHIP	<ul style="list-style-type: none"> <li>• <b>TGS First-Year Fellowship</b>, Northwestern University</li> <li>• <b>GAPSA Professional Student Travel Award</b>, University of Pennsylvania</li> <li>• <b>Outstanding Graduate</b>, Xi'an Jiaotong University</li> <li>• <b>Outstanding Student Leader</b>, Xi'an Jiaotong University</li> <li>• <b>2nd National Price</b>, National Chemical Engineering Design Competition</li> </ul>	
TEACHING AND LEADERSHIP	<b>Funder &amp; Volunteer:</b> <i>United Nations Children's Fund (UNICEF).</i>	
	<b>Teaching Assistant:</b> <i>ESE5190 Smart Devices, University of Pennsylvania.</i>	
	<b>Code Instructor:</b> <i>Fife-Penn CS Academy.</i>	
	<b>Student Representative:</b> <i>Global Youth Forum 2021, International Labor Organization.</i>	