



Education	Massachusetts Institute of Technology (MIT) <i>B.S. Mechanical Engineering with Controls, Instrumentation, and Robotics</i>	Cambridge, MA June 2016
Skills	Mechanical Design: OnShape, SolidWorks, Autodesk Inventor, NX, OMAX Manufacturing: CNC Mill, Lathe, Laser Cutter, Water-jet, MIG/TIG Welding Software: LabVIEW, Python, Java Language: Chinese HSK5 Score: 226; Intermediate German	
Work	Jangle Inc. Hardware Team <i>Mechanical Engineering Consultant; Iskender Kushan</i>	Cleveland, Ohio Aug 2022 - Current
	<ul style="list-style-type: none"> - Responsible for CAD editing and bridging Industrial Design and Hardware Teams design requirements to develop an e-ink touch display personal tablet - Involves remotely reviewing, approving and guiding ODM CAD edits in Solidworks 	
	Connected Northeast Ohio (CNEO) <i>Volunteer Business Manager & Board Member; Jonathan Welle</i>	Cleveland, OH Aug 2022 - Current
	<ul style="list-style-type: none"> - Spearheading 501(c)(3) application and tax filling to alleviate recognized bottlenecks - Drafted final Privacy Policy with lawyers in-time for pilot network operation 	
	Shanghai United Network Development LTD <i>Lead Mechanical Engineer; Nelson Zhang</i>	Shanghai, China Apr 2021 - Nov 2021
	<ul style="list-style-type: none"> - Designed and prototyped sleek electric scooter charging stations for the streets of Shanghai - Included thermal simulation and hermetically sealed container design to house PCBs 	
	Moonshot Academy Innovative High School <i>Makerspace Director & LMS Designer; George Zoeckler</i>	Beijing, China Mar 2018 - Sep 2020
	<ul style="list-style-type: none"> - Taught project-based engineering and supported students to self-govern the makerspace - Designed a learning management system rooted in culture by founding weekly Build Night 	
	Aeroballoon USA, Inc. Tethered Helium Gondola <i>Mechanical Engineering Consultant; CEO Douglas Hase</i>	Beijing, China Oct 2016 - April 2020
	<ul style="list-style-type: none"> - Produced 3D models and detailed engineering drawings for manufacture using SolidWorks - Led meetings with CSEI (Chinese Safety Engineering Inspection) to review and pass designs 	
	Aluminum Battery for Transporting Hydrogen <i>Project Manager; Prof. Douglas Hart</i>	Cambridge, MA Sep 2015 - May 2016
	<ul style="list-style-type: none"> - Led R&D team of 5 to meticulously experiment for increasing Aluminum fuel reactivity - Involved presenting technical design of automated production system to senior engineers 	
Awards	Twice 1st Prize Winner in MIT MechE Design de Florez Competition <i>For "Outstanding Ingenuity and Creative Judgement" with Hub-less Hub Motor</i> <i>with Electric Orbit Wheels</i>	April 2015 April 2013