



**Education**     **Massachusetts Institute of Technology (MIT)**     Cambridge, MA  
*B.S. Mechanical Engineering with Controls, Instrumentation, and Robotics*     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**     Cleveland, Ohio  
*Mechanical Engineering Consultant; Iskender Kushan*     Aug 2022 - Current

- 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)**     Cleveland, OH  
*Volunteer Business Manager & Board Member; Jonathan Welle*     Aug 2022 - Current

- 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**     Shanghai, China  
*Lead Mechanical Engineer; Nelson Zhang*     Apr 2021 - Nov 2021

- 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**     Beijing, China  
*Makerspace Director & LMS Designer; George Zoeckler*     Mar 2018 - Sep 2020

- 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**     Beijing, China  
*Mechanical Engineering Consultant; CEO Douglas Hase*     Oct 2016 - April 2020

- 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**     Cambridge, MA  
*Project Manager; Prof. Douglas Hart*     Sep 2015 - May 2016

- 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**

*For "Outstanding Ingenuity and Creative Judgement" with Hub-less Hub Motor*     April 2015  
*with Electric Orbit Wheels*     April 2013