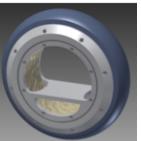
# Jaguar Kristeller

jaguar@alum.mit.edu; +1 907 347-2182; WeChat: BeiZhouBoa









**Education** 

## Massachusetts Institute of Technology (MIT)

B.S. Mechanical Engineering with Controls, Instrumentation, and Robotics

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

Mechanical Engineering Consultant; Iskender Kushan

Cleveland, Ohio 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**

Lead Mechanical Engineer; Nelson Zhang

Shanghai, China 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 Mar 2018 - Sep 2020

Makerspace Director & LMS Designer; George Zoeckler

- 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

Mechanical Engineering Consultant; CEO Douglas Hase

Beijing, China 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 Sep 2015 - May 2016

Project Manager; Prof. Douglas Hart

- 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 with Electric Orbit Wheels

April 2015 April 2013