

RIKA KO

contact

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Evanston, IL
510 881 3954
www.rika-ko.com

key skills

Human Centered
Design, SolidWorks,
Concept sketching,
CATIA, MATLAB, UX,
Photoshop, Machine
shop skills

English (fluent), French
(working proficiency),
Chinese (basic)

interests

Thriller novels,
Photography,
Traveling, Animals

education

Northwestern University 2015 - 2019

Bachelor of Science, Manufacturing and Design Engineering
GPA 3.2 / 4.0

work experience

Tesla Motors Jun 2016 - Aug 2016

Product Excellence Intern - Interior

- Investigated reoccurring issues directly on the assembly line for the Model S/X and placed countermeasures that actively reduced warranty costs, production time, and repair time
- Led and attended meetings with a variety of different departments to implement changes with design engineers and suppliers and to communicate new information on the status of a procedure
- Used CATIA to ensure the Model 3 to ensure there are no issues before they start production

Segal Design Institute January 2017 - present

Machine Shop Trainer

- Train freshmen engineering students on how to navigate the machine shop, use the machines, and stay safe
- Use knowledge of the mill, lathe, and bandsaw to help students with their class projects

projects

Lincoln Park Zoo Mar 2016 - present

Independent Project

- Designing a customized slow-feeder for grazing animals to provide an environment that most closely mimics the wild

MagnetiGrip Sep 2015 - Dec 2015

Design Thinking and Communication

- Conceptualized, designed, and created a hydration system that allows those with spinal cord injuries to drink water independently

Take It Breezy Mar 2016 - Jun 2016

Design Thinking and Communication

- Designed and 3D printed a breathing mask for adults in China that filters out pollution and smog, and is still comfortable and aesthetically pleasing