

RIKA KO

contact

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Pleasanton, CA
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key skills

Human Centered
Design, SolidWorks,
Concept sketching,
CATIA, C++, UX,
Photoshop, 3D
printing, MATLAB

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

interests

Thriller novels,
Photography,
Traveling, Animals,
Baking

education

Northwestern University 2015 - 2019

Bachelor of Science, Manufacturing and Design Engineering
GPA 3.23 / 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
- Through CATIA, worked on the Model 3 to ensure there are no issues before they start production

Coin X Jun 2015 - Sep 2015

MagiCampus Editor

- Redesigned the inaugural website layout to improve ease of use, aesthetics, and availability of information. Used HTML to debug glitches in the games and layout

projects

Lincoln Park Zoo Mar 2016 - now

Independent Project

- Currently 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