

Kimberly Lin

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Work Experience

GOERTEK ELECTRONICS INC., SANTA CLARA, CALIFORNIA

Product Design Engineer (system team)

May 2020-Present

- Brainstorm and drive cost-down proposals for existing mass produced products on the market to increase profit margins
- Guide future project proposals in areas relating to product structure and designs in cooperation with cross-functional teams

Product Design Engineer (module team)

September 2015-May 2020

- Design micro-speaker modules for portable consumer electronics starting from NPI stage through to mass production
- Propose design changes targeted to improve part manufacturability throughout every engineering build iteration
- Recognize critical dimensions and associated tolerance stack in order to meet design specifications for production
- Identify causes and draft corrective actions to largest production line yield hitters caused by assembly processes
- Coordinate with cross-functional teams to create products with optimal balance between performance, aesthetics and cost
- Work as PD lead for six projects currently in mass production across two different product lines

MEYER SOUND LABORATORIES, BERKELEY, CALIFORNIA

June 2014-August 2014

Compliance Intern

- Researched component certifications through UL, FDE, CQC and other component licensing agencies
- Familiarized with certification procedures at CQC including factory inspections and safety/EMC component testing

HCT PACKAGING, SANTA MONICA, CALIFORNIA

August 2013

Engineering Intern

- Conducted various tests on products to identify and analyze defected products
- Processed three dimensional models through rapid prototyping with a three dimensional printer
- Performed GD&T analysis on manufactured parts to ensure produced parts met design specifications

Skills

Languages: Fluent in *English* and *Mandarin Chinese*

Mechanical Design: Experience with injection molding, stamping, 3D printing and machine shop trained

Software Experience: Creo Parametric, SolidWorks, MATLAB, Microsoft Office, iMovie

Interest: Jigsaw Puzzles, Read, Dota2, NFL, Film, Audio, Fantasy Football, Snowboard

Education

UNIVERSITY OF CALIFORNIA, BERKELEY, BERKELEY, CA

May 2015

B.S. Mechanical Engineering

PROJECTS

HEXFleet: Designed and manufactured an autonomous robotic network in which carts attach/detach into formations

Walking Bear: Designed and created a planar machine of a bear, that mimics the motion of a walking bear, out of acrylic

RXV Golf Cart: Researched, CADed and animated an ez-go golf cart that shows the assembly process using Creo and 3DS

Metal Display: Designed and prototyped steel displays of a Squirtle and Air Force Wings using waterjet cutting

Light Bike: Designed and built customizable LED light display for bike wheels powered by generator mounted to the wheel
