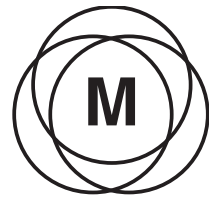


Kiran K Malladi

kiranosaurusrex.com

-----@gmail.com

(---) --- ----



EDUCATION

M.S. Mechanical Engineering — Stanford University (2013 June)

- Concentration: Mechatronics
- Supplemental course work in graduate level formgiving

B.S. Product Design — Stanford University (2011 June)

- Sub-focus: Studio Art
- Recipient of multiple arts grants for large scale interactive sculptures
 - 2010: Lightchimes II — Overhauled update. Featured at Makerfaire and covered on CNET.
 - 2009: Lightchimes I — Interactive, touch-responsive light chandelier
 - 2009: Rain Room — Immersive “rain chamber” installed in the middle of campus

EXPERIENCE

Apple — Manufacturing Design Engineer (2014 Fall - present)

- Developed and implemented new manufacturing processes to support a range of projects in the Retail Product Display group at Apple
- Led manufacturing engineering support for multiple parallel projects on tight timelines
- Traveled globally to manufacturing sites and spent substantial time (~20-40%) embedded at factories
- Led vendor research as part of technical investigations to support the New Enclosure Technologies team

Faraday Bicycles — Systems Engineer (2013 Fall - 2014 Fall)

- Designed and executed various system tests for the Faraday Porteur, the company's first production electric assist bicycle
- Designed and fabricated test and assembly fixtures
- Managed local production operations for several manufacturing processes and assembly procedures

Stanford University — PRL Teaching Assistant (2011 Fall - 2013 Spring)

- Mentored and instructed students in the Product Realization Laboratory at Stanford
- Taught structured labs as part of the core design and manufacturing curriculum
- Coordinated course logistics for 2012 Fall core lecture (ME203)
- Responsible for safety of students during open access sessions in multiple shop facilities

IDEO — Design Engineering Intern (2012 Summer)

- Developed and implemented mechatronic prototypes as concept advertising for a consumer goods client

Driptech — Product Design Contractor (2011 Summer)

- First design engineer on site at Pune office (Maharashtra, India)
- User research in rural farm areas

CAPABILITIES

Analog Fabrication

- Proficient in machining, rapid prototyping, and system assembly
- Competent with welding, casting, and woodworking
- Competent in mechatronic design and assembly
- Comfortable with basic PCB layout and production

Digital Fabrication

- CAD/CAM: SolidWorks (proficient), GibbsCAMM (competent), EAGLE (basic)
- 2D: Adobe Illustrator, Photoshop (proficient)
- Programming: Python, Arduino

FLOTSAM & JETSAM

- Loves Mexican food, cold grey weather, late night builds, and loud music
- Builds sound-responsive light sculptures (Foxfire) for events and festivals
- Speaks Spanish
- Quite good at baking chocolate chip cookies