

KAMAKSHI ARORA

Product Designer. Creative. Mechanical Engineer.
Imagine, Conceptualize, Iterate, Collaborate.

I strive to apply an interdisciplinary approach to spark innovative design solutions that create social impact.

EDUCATION

Product Design

MA, Design I 2020

The University of the Arts, Philadelphia

Mechanical Engineering

BSc, Engineering I 2018

North Carolina State University, Raleigh

SKILLS

Software

Adobe Illustrator

Adobe Photoshop

Adobe InDesign

Rhinoceros

Keyshot

Procreate

Microsoft Office

Figma

Livecode

Process

Human centered design research

Concept development

Rapid prototyping

Storytelling

PROJECTS

Thesis (Ongoing) | September 2019- May 2020

The University of The Arts, Philadelphia

- Analyze the aftermath of rape and sexual assault on the survivor
- Research into the field of trauma by collecting testimonies from survivors, Rape, Abuse & Incest National Network (RAINN) National Child Traumatic Stress Network (NCTSN) and local therapists
- Co-design self soothing and grounding objects with survivors and therapists using human-centered and trauma informed design principles

EXPERIENCE

Graduate Program Assistant | January, 2019 - Present

Product Design Department, The University of The Arts, Philadelphia

- Create social media and digital content to promote student works in collaboration with the head of the department
- Manage updates of the product design department website
- Work with shop technicians to maintain machinery in the workshop

Business and Design Consultant | August 2019 - Present

Lauran Mandel, Entrepreneur and Landscape Architect, Philadelphia

- Helped design the informational flow for website based on Lauren Mandel's vision based on a landscape design online startup
- Created UI/UX design mockups for the startups digital platform
- Conduct active user research and analyze user feedback

Intern | May 2016

Indian Railways Locomotive Department, Vishakapatnam, India

- Assisted the chief mechanical engineer and technicians on the maintenance of in-house locomotives.
- Shadowed the mechanical team to learn workings of the loco-engines in use by the Indian Railways and various maintenance methodologies

Barista | December 2016 - January 2018

Port City Java, Raleigh

- Handled customer service, food preparation, and cash register as part of a team in a fast-paced environment

DJ (post-rock bloc) | June 2015 - January 2016

WKNC-FM, North Carolina State University, Raleigh

- Co-hosted and curated music for a radio show at the campus radio station
- Maintained and organised studio equipment, recording station and CD/LP room
- Managed phone lines for listener requests

Tutor | June 2014 - May 2015

University Tutorial Center, North Carolina State University, Raleigh

- Taught Physics and Calculus to undergraduate students in need of tutoring
- Planned lessons for individual students over course of semester to address specific areas of concern their respective subjects