

Carnegie Mellon University Class of 2018

MAJOR **Industrial Design**
MINOR Intelligent Environments

COURSES
Experimental Form | 51-434
Engineering Design Projects | 39-606
Mars Studio: Building a Habitat | 62-492

SKILLS
Sketching
Woodworking
Foam Modeling
Studio Photography
3D Printing
Laser Cutting
Solidworks
Autodesk Fusion
Keyshot
Adobe Photoshop
Adobe Illustrator
Adobe InDesign

UPenn mLab and xLab, Philadelphia

SUMMER 2016-FALL 2016

mLab is a technology development lab focused on embedded systems within industrial and automotive autonomy, biomedical engineering, and energy control systems. xLab is aimed at creating innovative and powerful user experiences which take advantage of emerging technologies; from fabrics that can sense and react to gaming interactions that blend the digital and the physical. As a research intern, my responsibilities included devising feasible applications of these technologies that people can interact with, and designing and constructing prototypes.

EXPERIENCE

Lead Exterior Designer, Carnegie Mellon Racing

FALL 2014-PRESENT

I am responsible for leading the design team within Carnegie Mellon Racing in the design and fabrication of the carbon fiber bodies of our electric FSAE race cars which compete in the Formula SAE series. We develop our designs through hand sketching, clay modeling, and Solidworks. Our newest car is currently undergoing production.

Studio Cheha, Tel Aviv

SUMMER 2015

I worked as a summer intern helping with conceptualization of future products as well as manufacturing and assembly of current products. I also provided creative direction for the Kickstarter campaign that successfully raised over seven times its fundraising goal.

PROJECTS

The Future of Autonomous Vehicles

SPRING 2017

Working with Fiat Chrysler Automobiles, our goal is to imagine a future in which autonomous vehicles are ubiquitous, and to design the systems in which they operate. The focus of this semester-long project is on the human experience of autonomy and creating a framework of flexible, mobile spaces.

F1/10th Pop-Up Racetrack

FALL 2016

F1/10th is a scale autonomous racing competition founded and hosted by mLab. I designed a simple and elegant method to create a pop-up racetrack using low-cost HVAC duct, and travelled to CMU to set up and host the very first competition during ES Week.

ACTIVITIES

Carnegie Mellon Explorers Club
Fringe Social Society, Member
Buggy and Booth Competitions, Competitor

Valeo Innovation Challenge
BSA, Eagle Scout
Community Rowing, Inc.