

DIGITAL FABRICATION + OVERSEAS PARTNERSHIPS

JENNIFER ASTWOOD

a little about me...





Oliver Towne
"Sweet Guy Of
Candyland"

Mr. Oliver Towne is the most popular character in the world of Candyland. He is a friendly, smiling man who loves to share his love of candy with everyone. He is the owner of the Candyland Candy Company and is responsible for creating all the delicious candies that are found in the land of Candyland. Mr. Towne is a very kind and generous man who always has a sweet treat for everyone. He is the heart of Candyland and is loved by all.





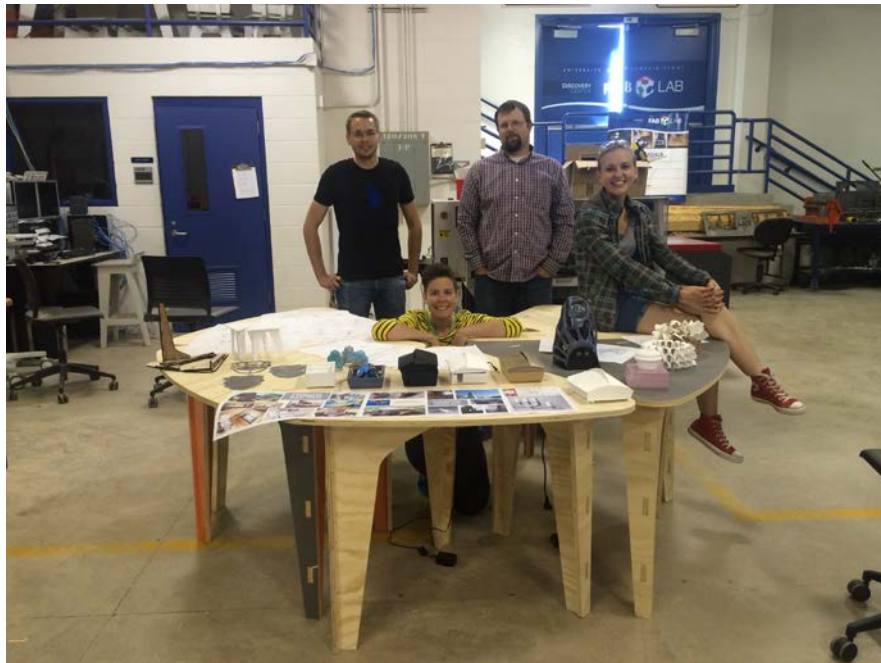
МИСИС

ЦВЕТНЫЕ И ДРАГОЦЕННЫЕ МЕТАЛЛЫ
МАТЕРИАЛЫ ЭЛЕКТРОННОЙ ТЕХНИКИ
ТЕПЛОФИЗИКА И ЭКОЛОГИЯ

PARTNERSHIP



COLLABORATION





**CONTEXT IS
EVERYTHING**

DEFINE THE
OPPORTUNITY AND
DEFINE THE CONTEXT



IMPACTFUL
LIVING
TINY + SMALL



DEFINE THE OPPORTUNITY AND



PRODUCT TRENDS



DEFINE THE OPPORTUNITY AND



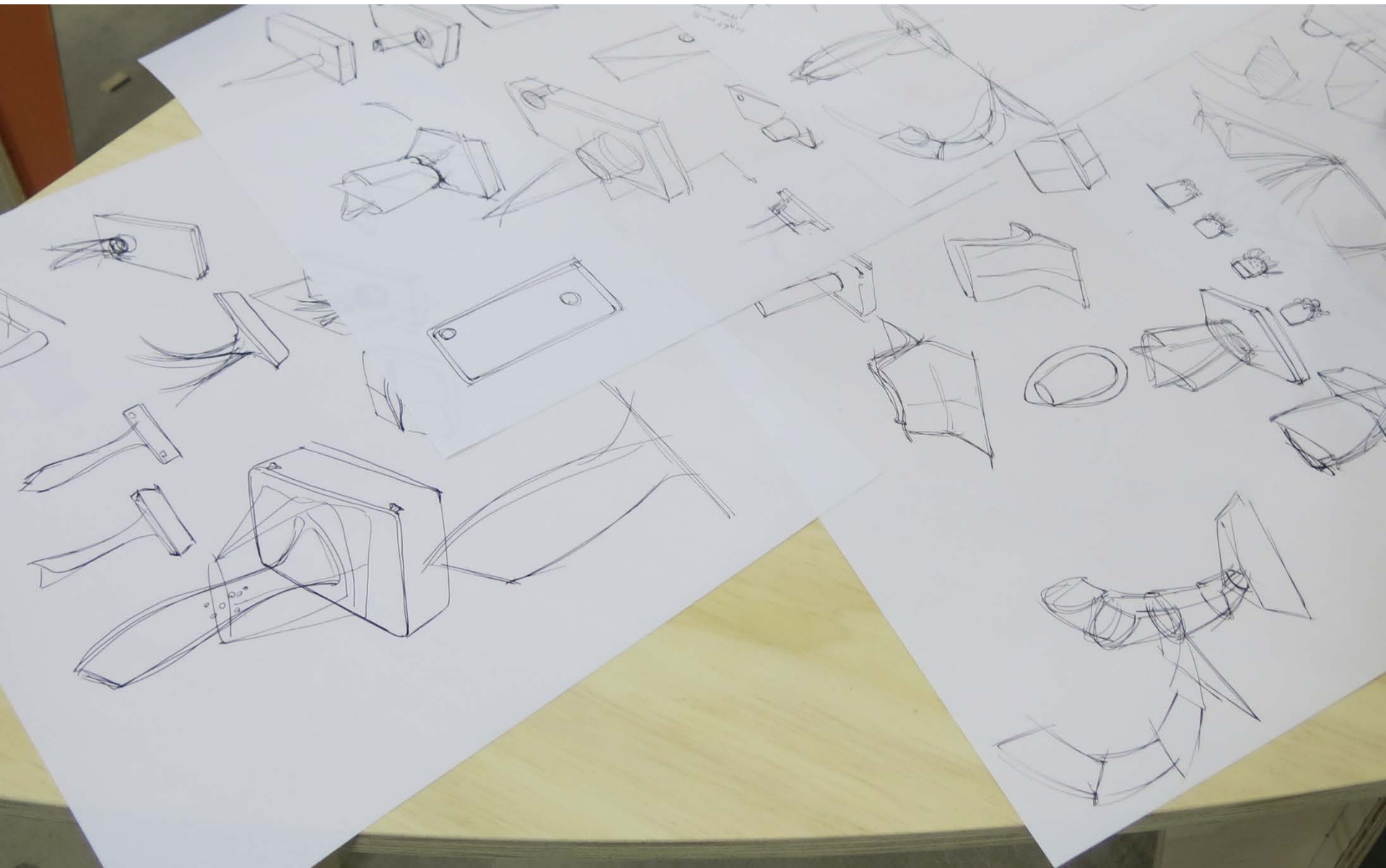
**INSPIRATION
ARMOUR WING
LAYERED SOAR**

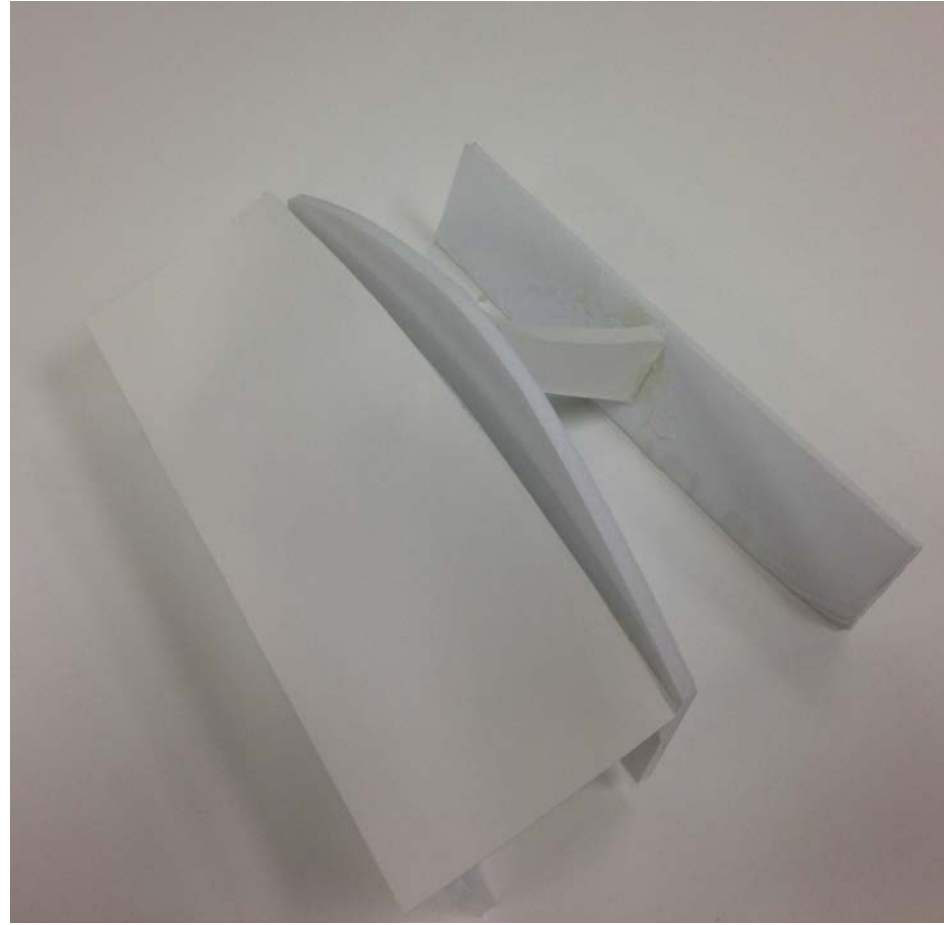


IDEATION + CONCEPT

OF THE







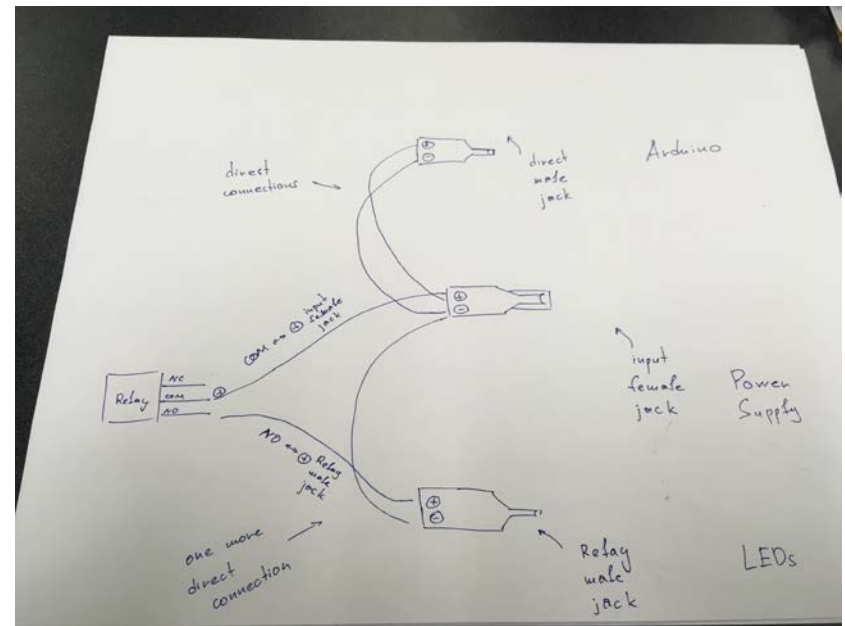
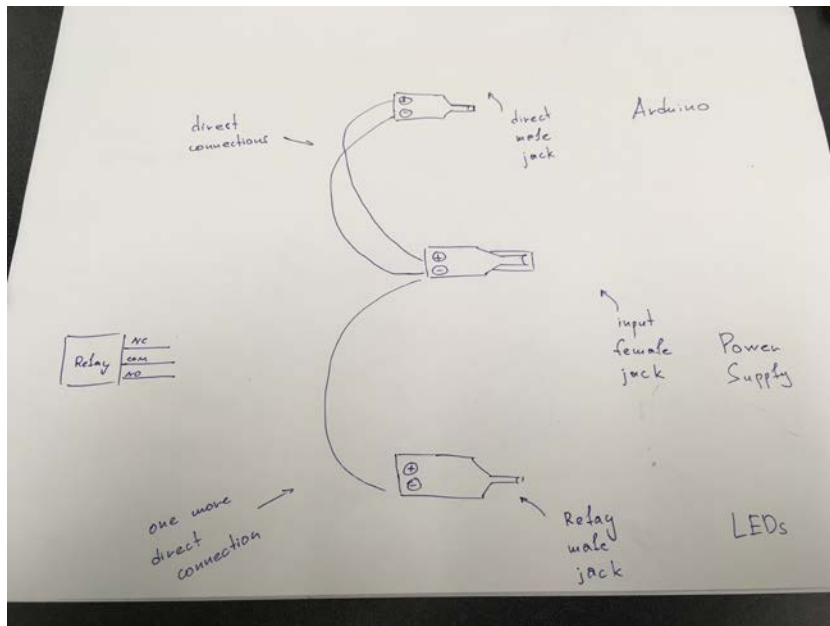
TESTING/3D PRINTING

TESTING ELECTRONIC
COMPONENTS WITH
FOAMCORE MODELS



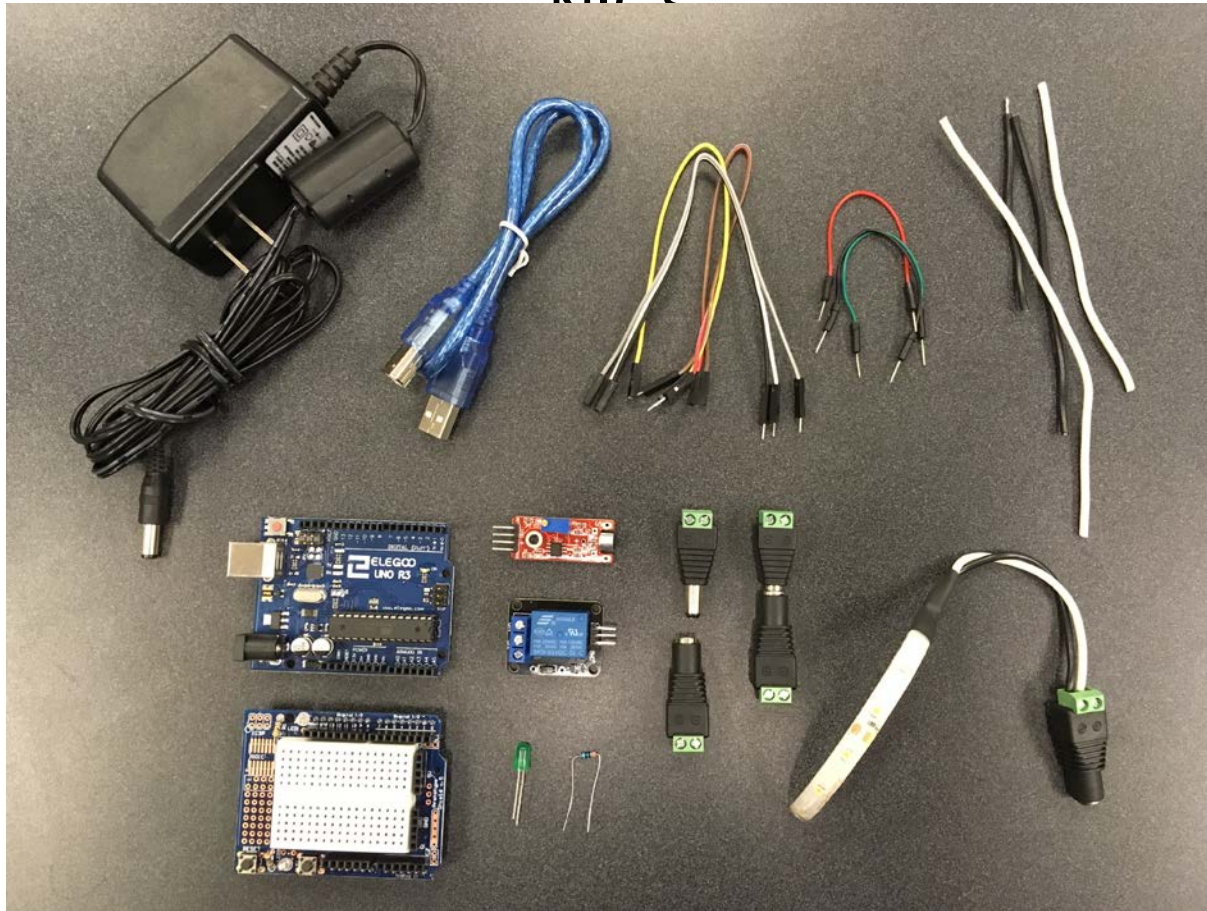
COLLABORATION WITH
PHILIPP EGOROV

TESTING/ELECTRONICS

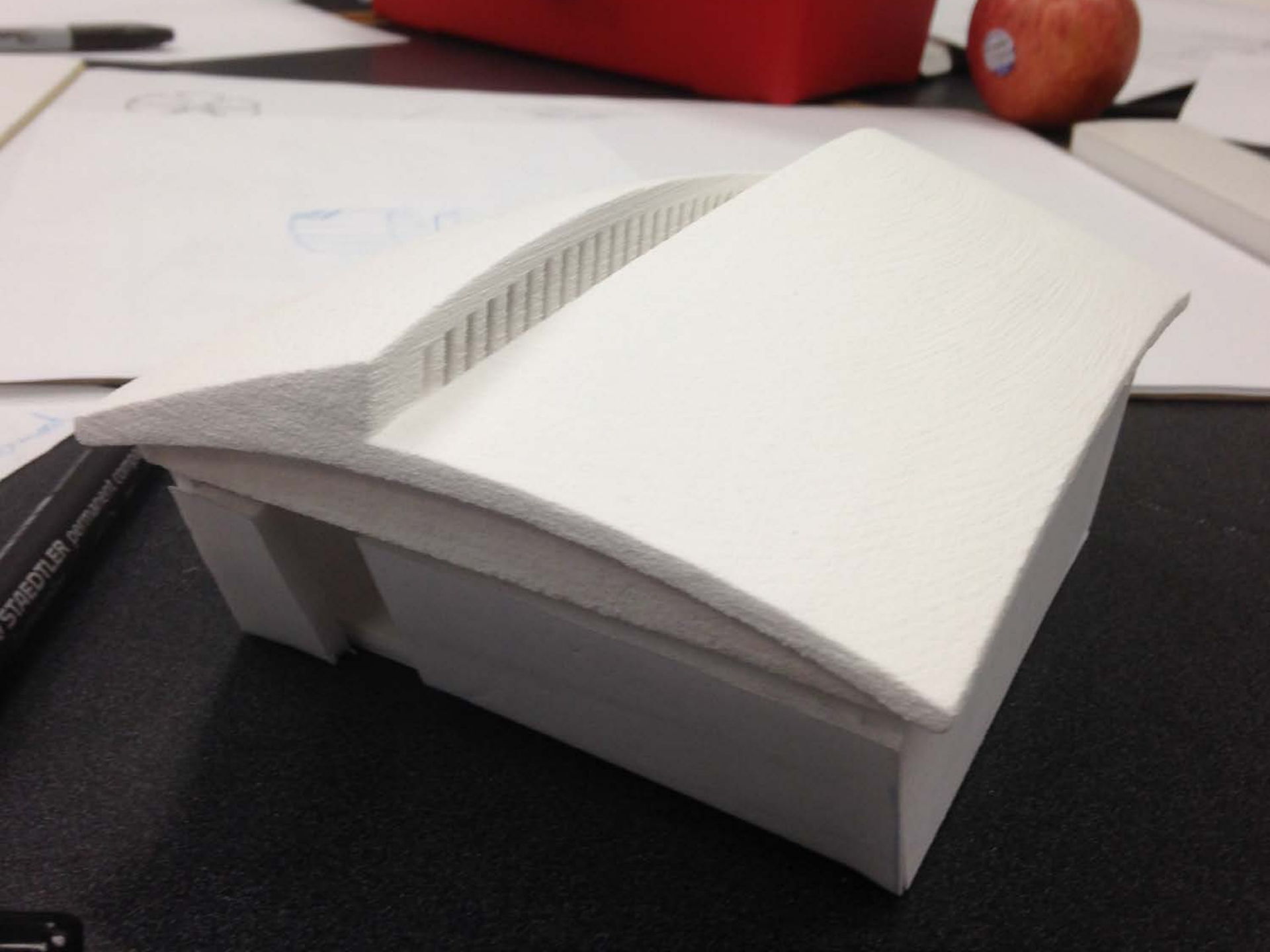


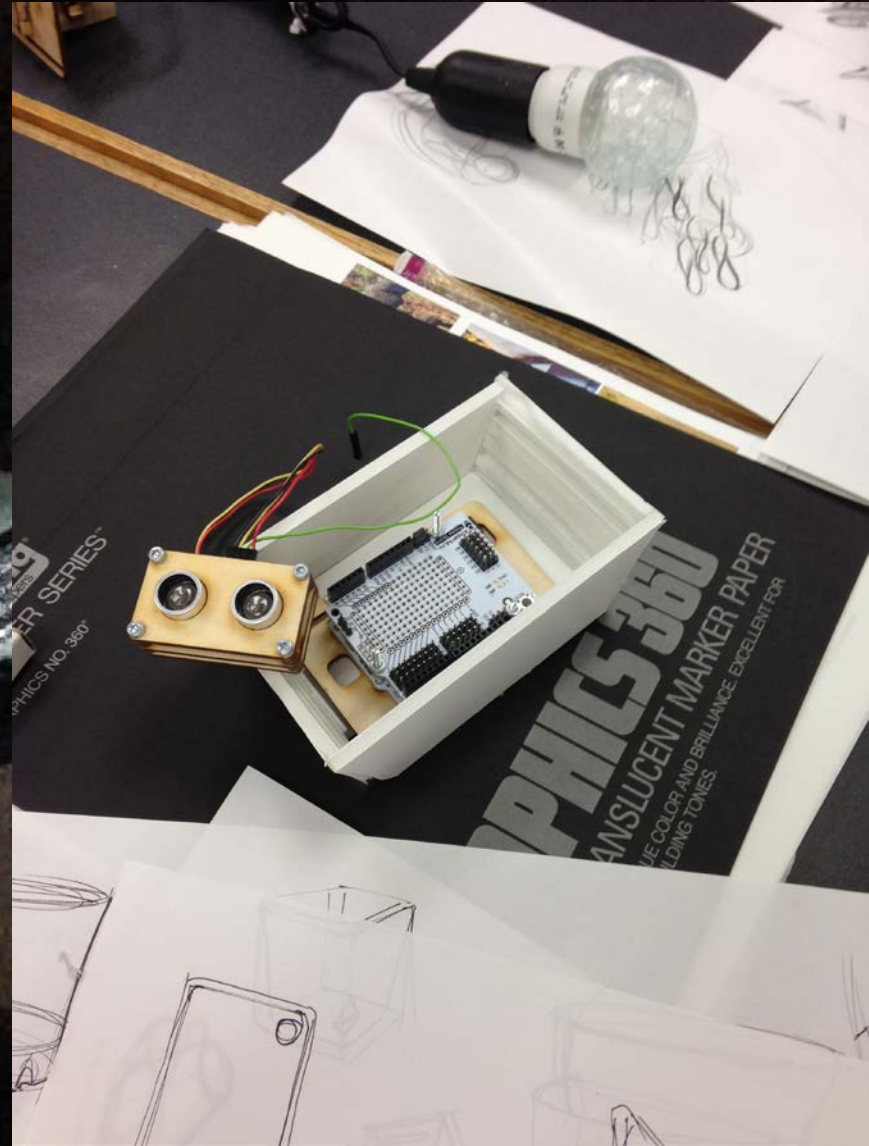
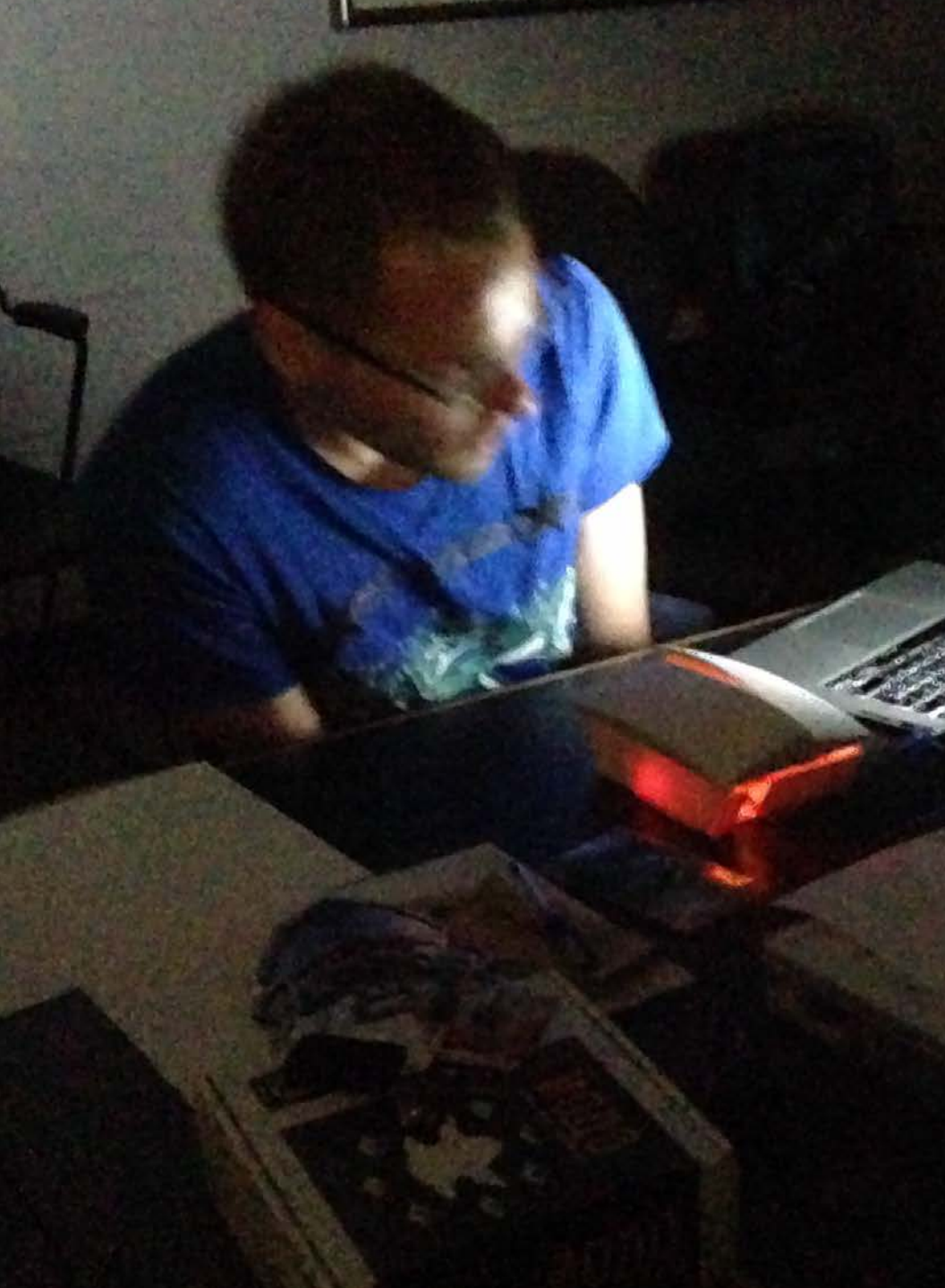
COLLABORATION WITH PHILIPP EGOROV - Developing components for a light to turn on/off through a sensor

TESTING/ELECTRO NICS



COLLABORATION WITH PHILIPP EGOROV - Developing components for a light to turn on/off through a sensor







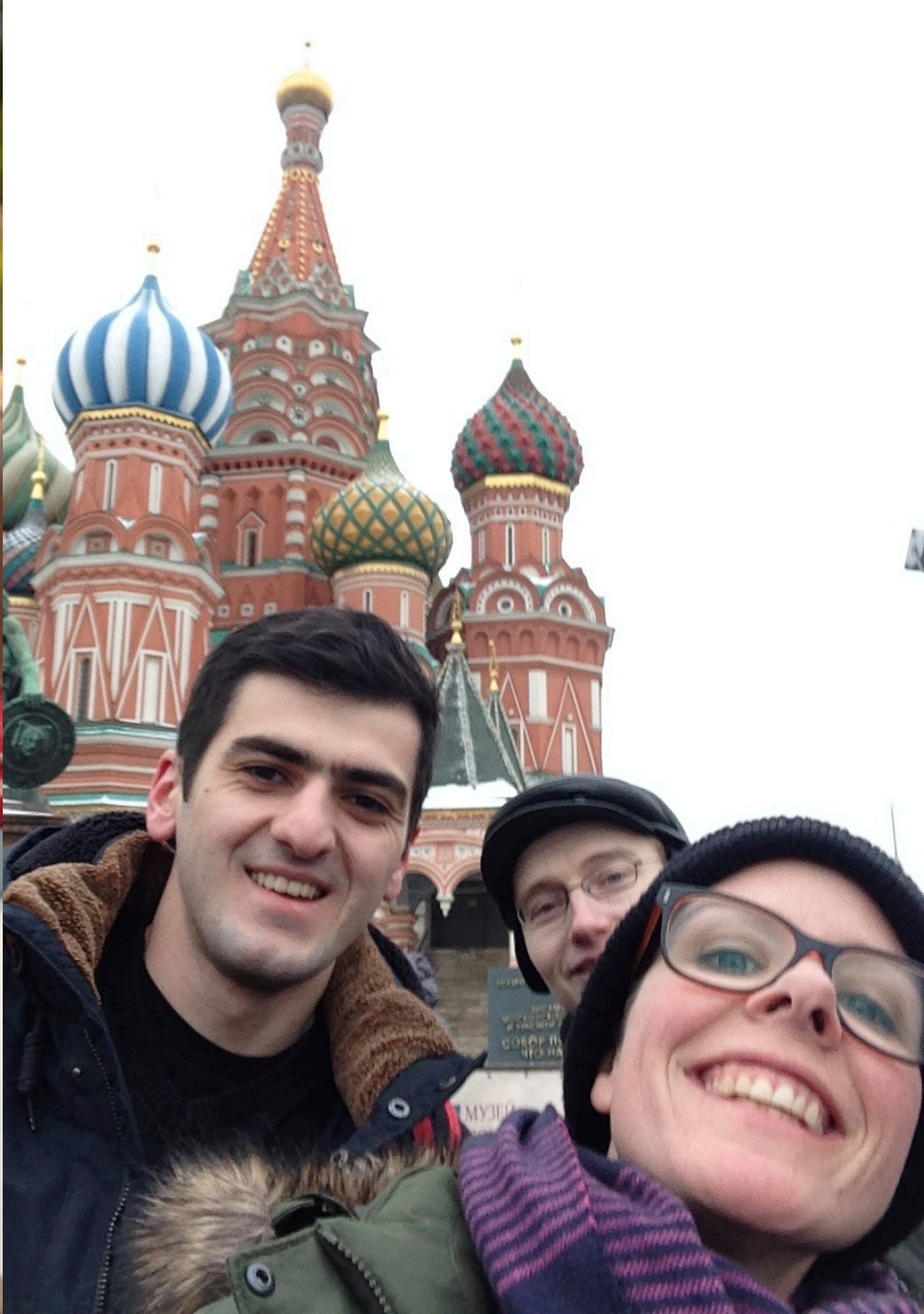


MAKE + REPEAT





**MAKE + REPEAT
TO SUCCEED**

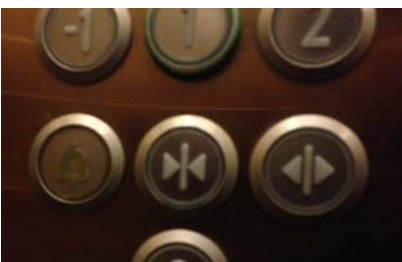




FUZZY PROBLEMS



WORLD OF INDUSTRIAL DESIGN



WORLD OF INDUSTRIAL DESIGN

**RESEARCH
SKETCHING - MAKING
MAKING IT BEAUTIFUL
DETAILING THE DESIGN**

PROBLEM = OPPORTUNITY

Part 1: Design Thinking FabLab Workshop Global FabLab Design

Description:

Design + Fabricate a table-top lamp utilizing/exploiting 3D digital fabrication materials and processes.

[3D printer. CNC router. Laser Cutter]

Parameters:

The designs should provide functional light for a specified purpose (individually defined).

LED light source

Considerations:

How will the lamp be operated (Turned on/off, directed)? Consider how the form speaks to the function (semantics).

Material Choice is wide. Acrylic, Paper, PLA/ABS, Wood, Etc

Where do you want light to emit? Where should it be blocked?

Lamps should be original, beautiful + functional.

Phases:

1: Inspiration: Look around. What elements would you like to represent in your work? Look at lamps, architecture, other design.

2: Concept: Brainstorm. Ideation. sketching. > Selection of concept

3: Prototype: Paper, cardboard... rough out idea.

4: Revise + Refine

5: Finalize + Build

WEEK 1:

Monday: Introduction. HOMEWORK: Begin image + inspiration search > MOOD BOARD [can be digital, physical or printed. Pinterest, online, whatever]. Introduce electronics.

Tuesday: Show/Tell Inspiration. Begin Ideation: Brainstorm, Sketch exercise

Wednesday: Present concepts. Start a rough prototype. Review. Get LED, electronics + materials

Thursday: Prototype work. Present at end of day. List of revisions. What is working well? What still needs to be considered (or reconsidered)?

Friday: Conference. Revise Designs.

WEEK 2:

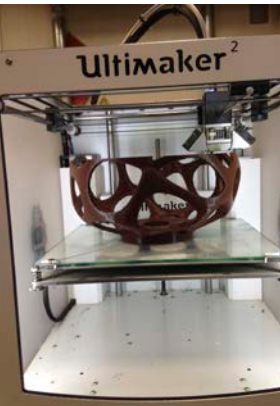
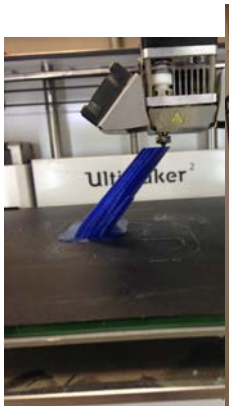
Monday: Designs finalized. Begin Production.

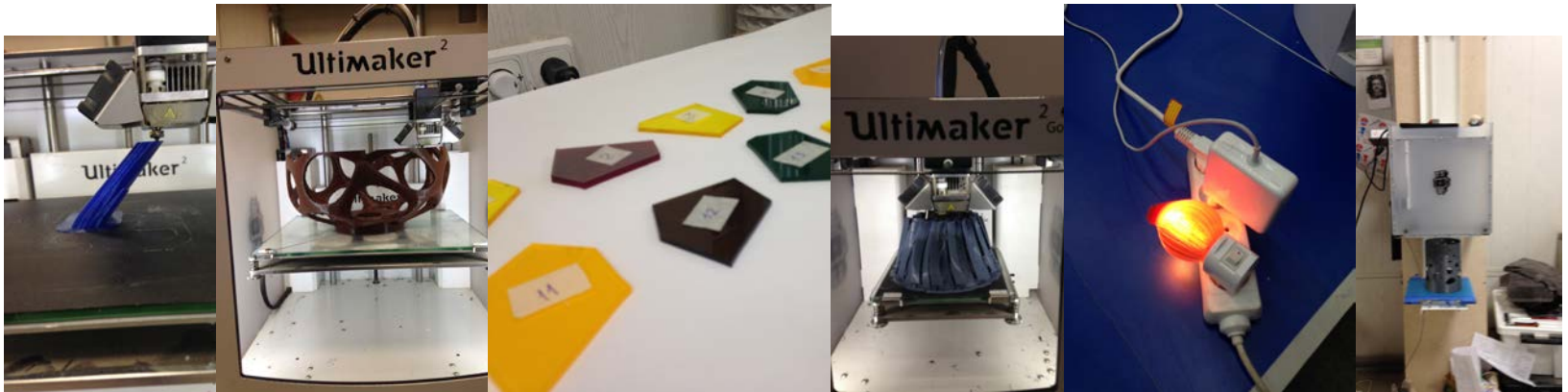
Tuesday: Production

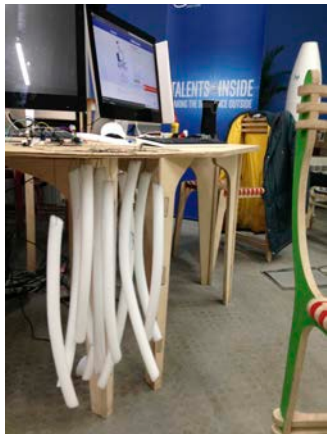
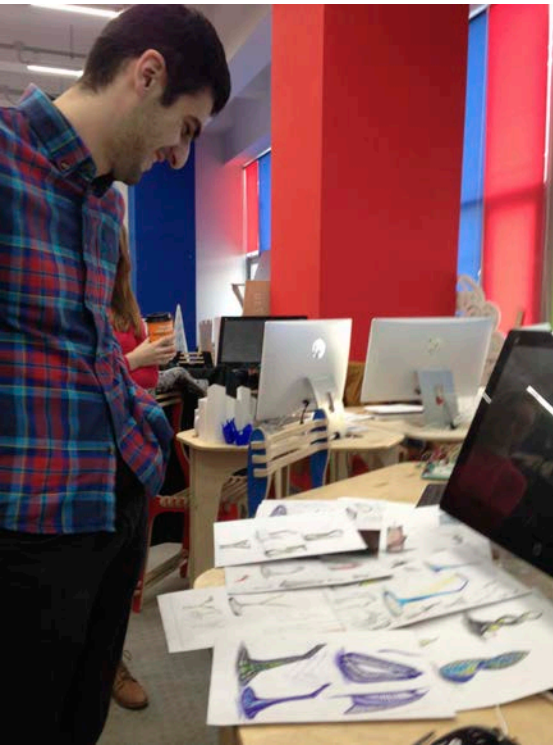
Wednesday: Production + Finalization

Thursday: Production + Finalization

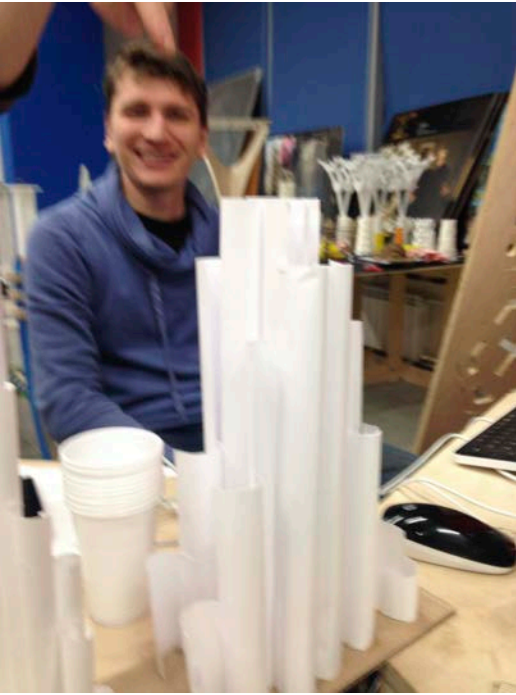
Friday: Final Presentations



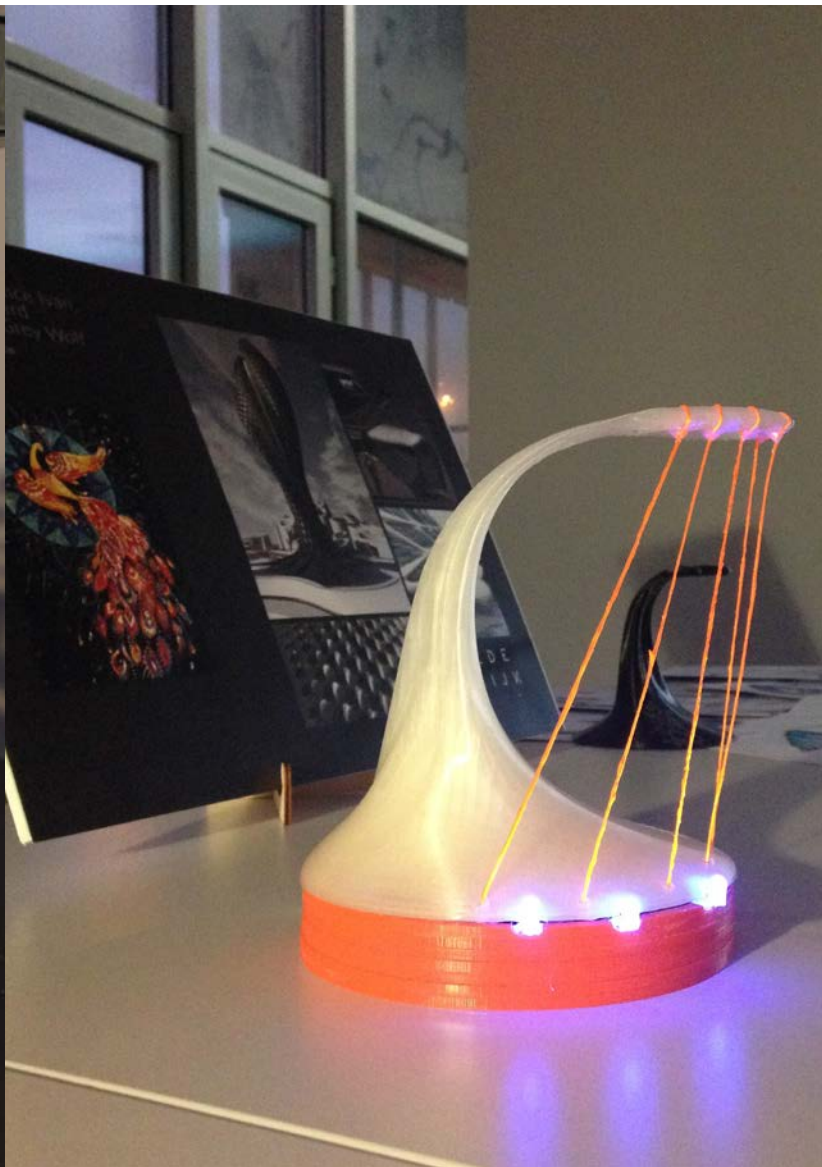
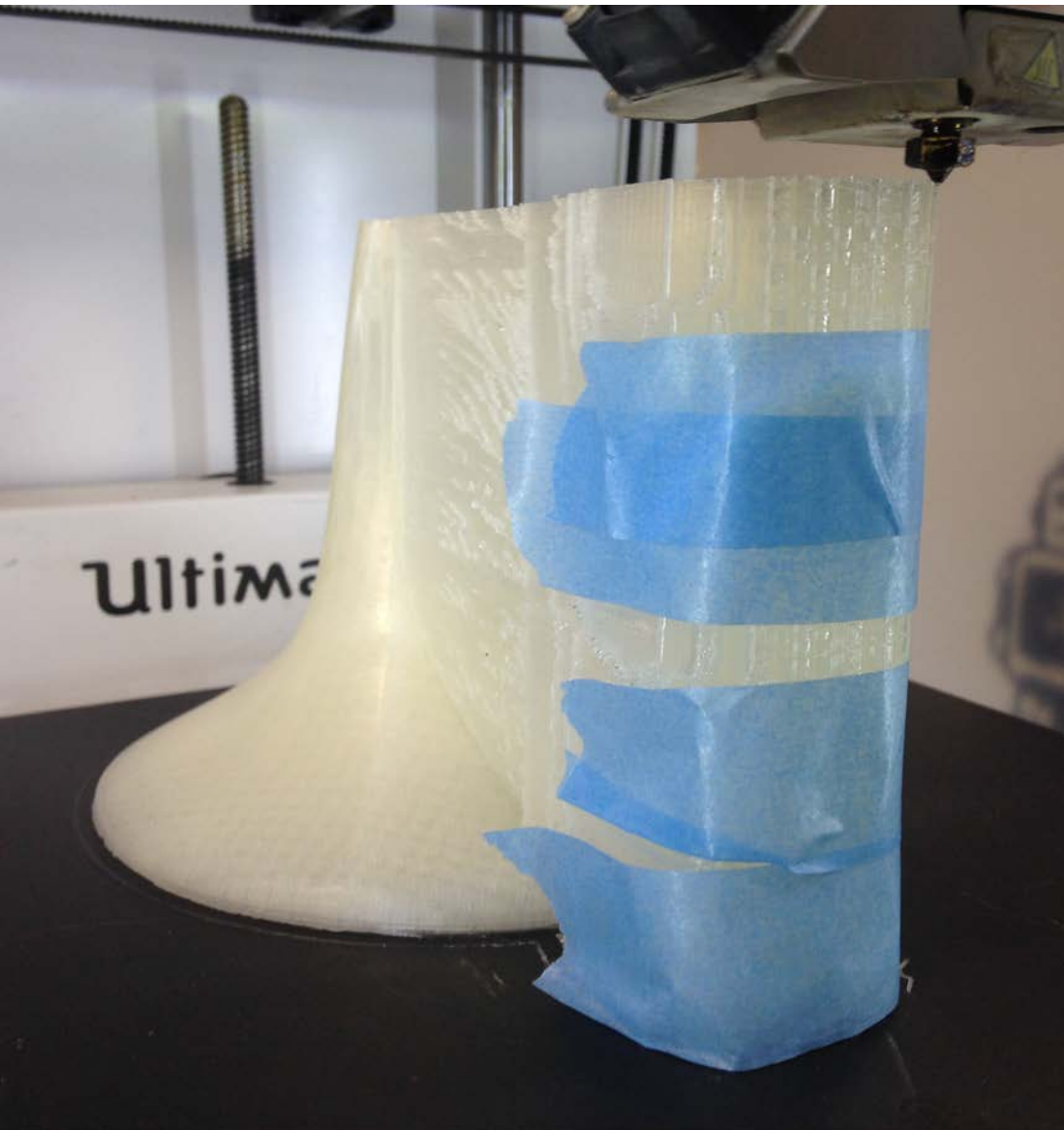


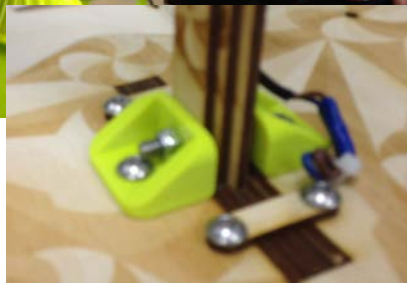
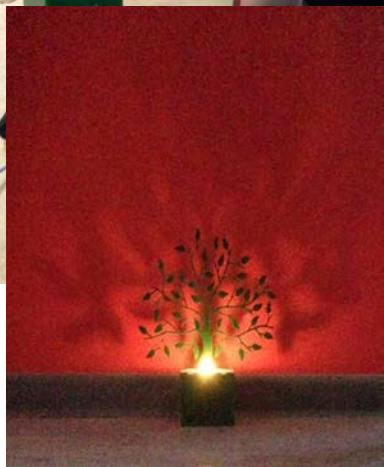




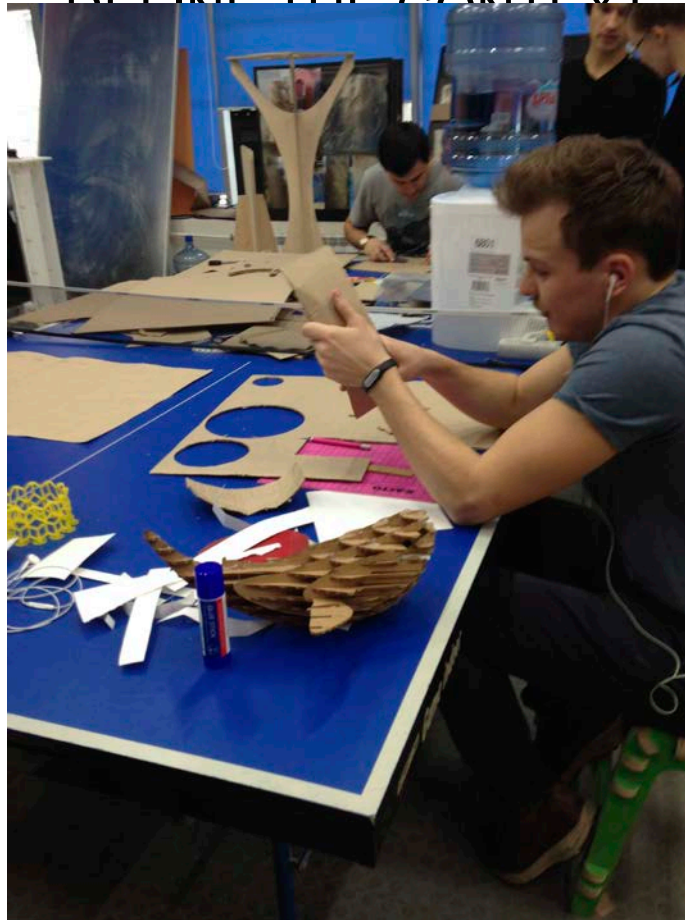








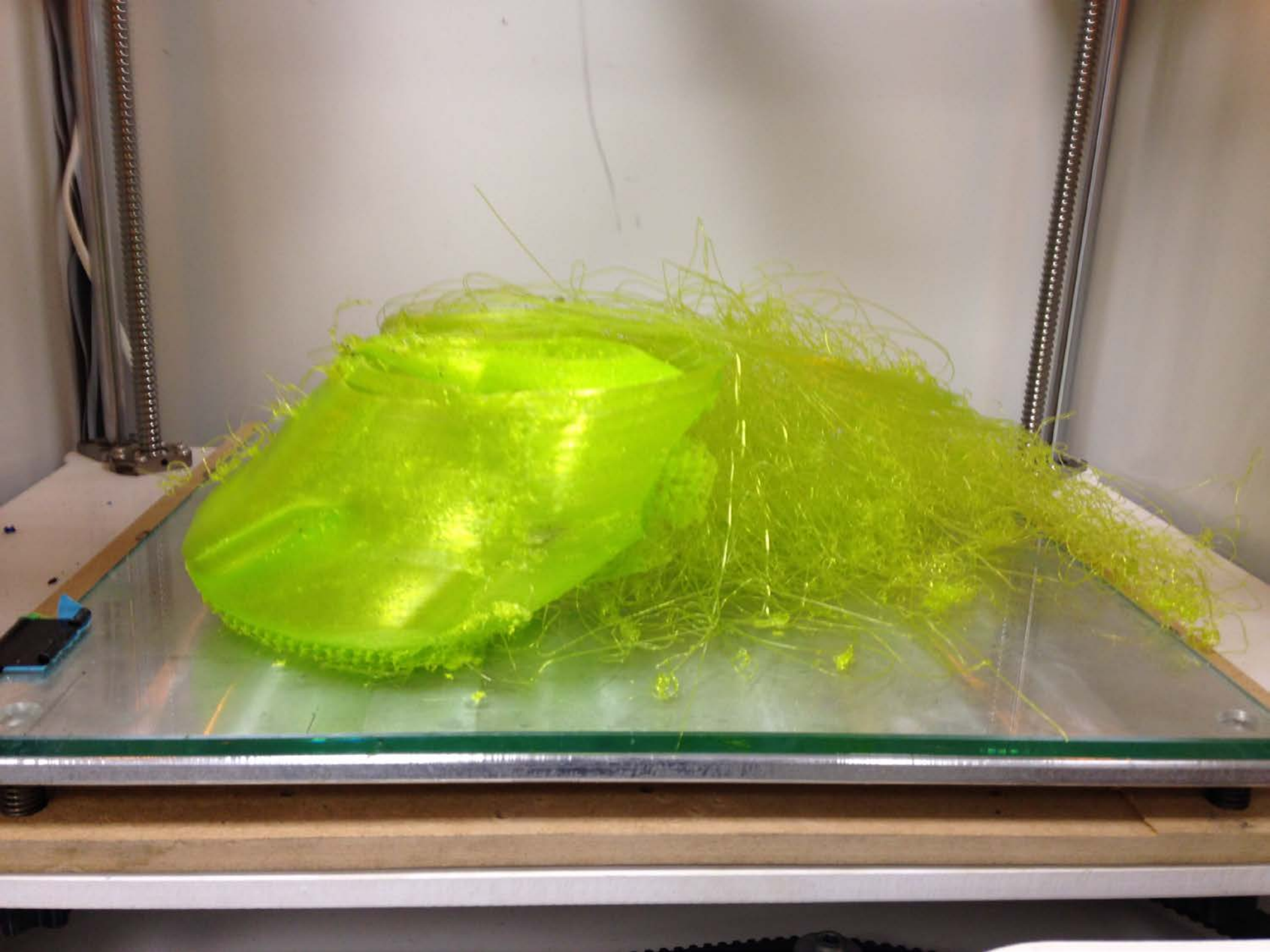
DEFINE THE
OPPORTUNITY AND
DEFINE THE CONTEXT



IDEATE + DEVELOP

REPEAT....REPEAT
REPEAT





Благодарность

СЕРТИФИКАТ

№ 123456789



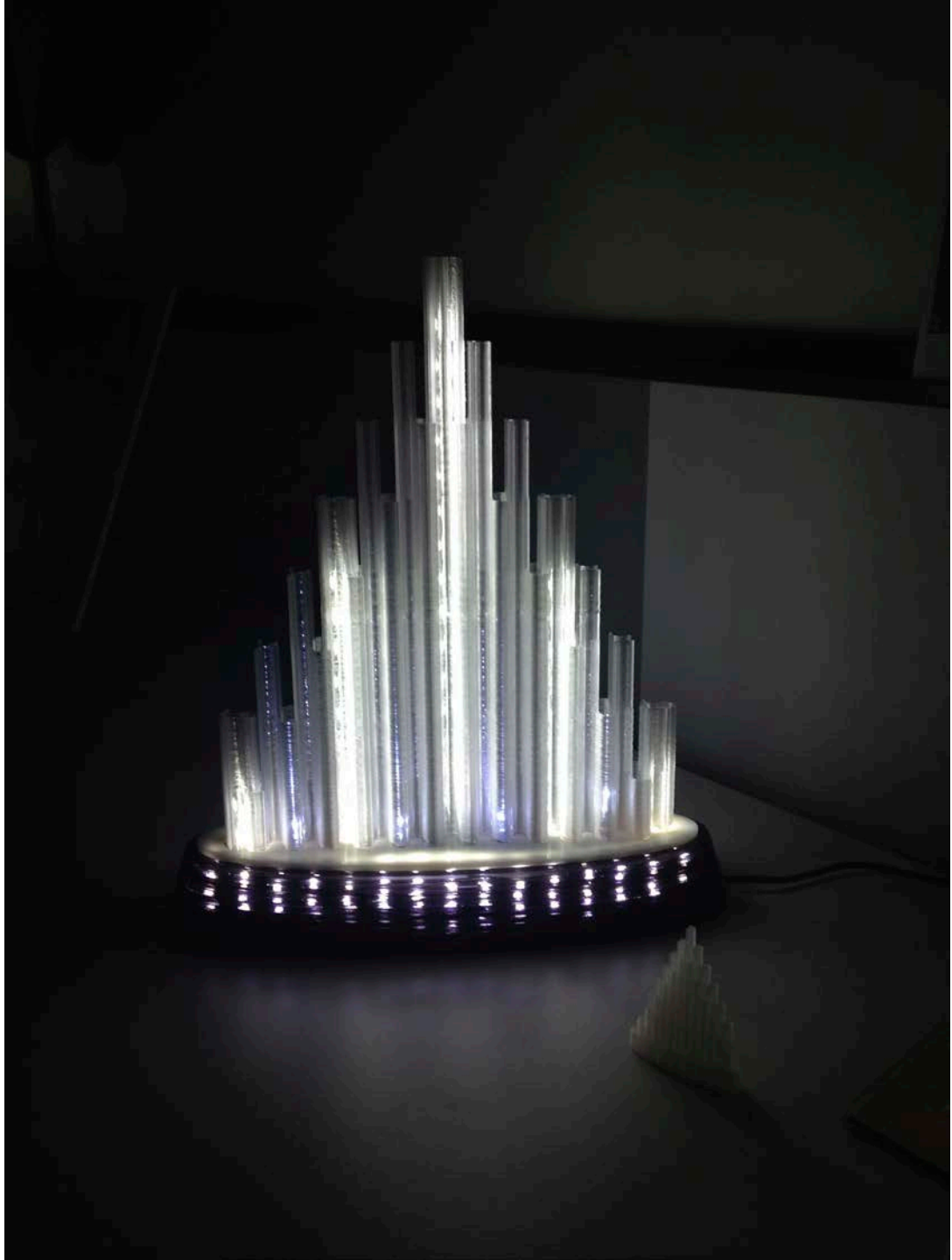
АМАНЖОЛ
ТРОФИМОВ
ИНЦЕНТИВ
ПРОМОЦИОНА













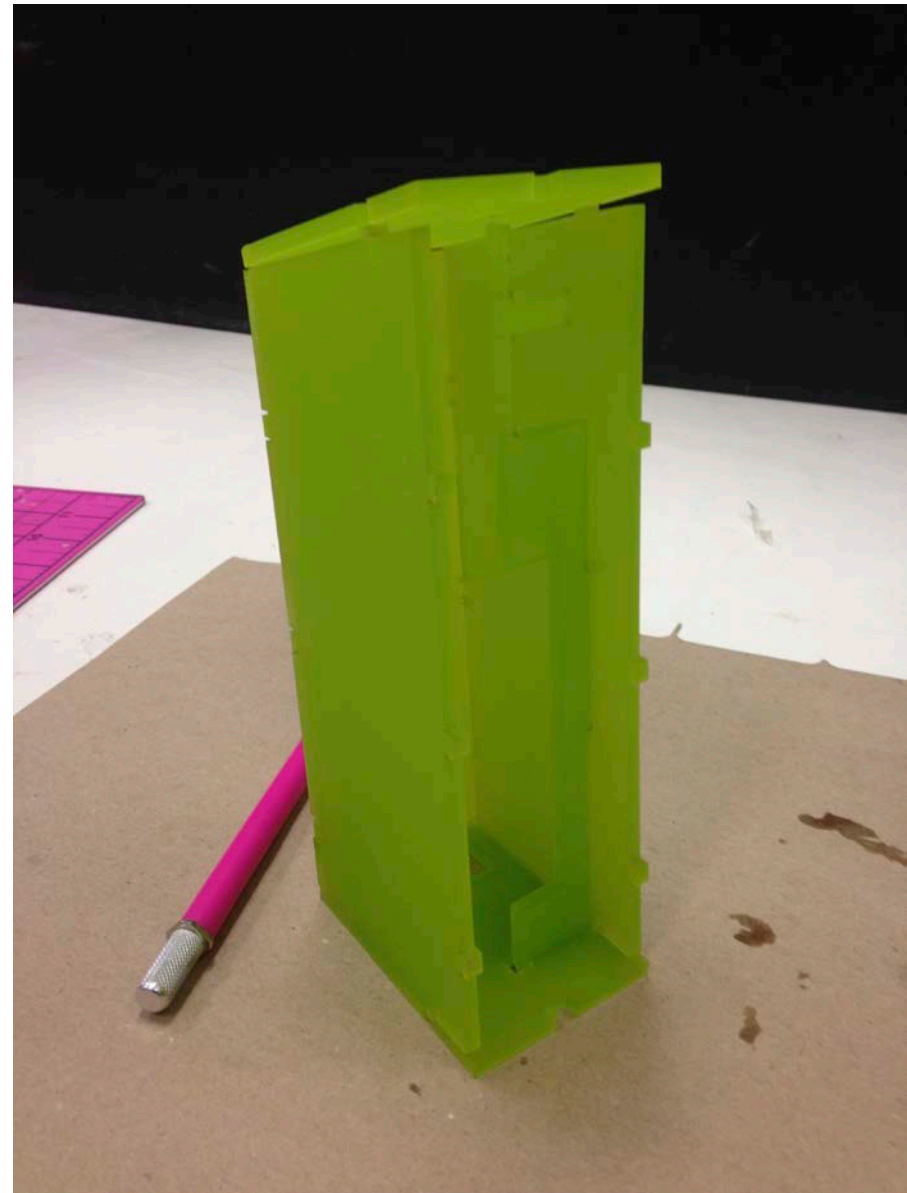
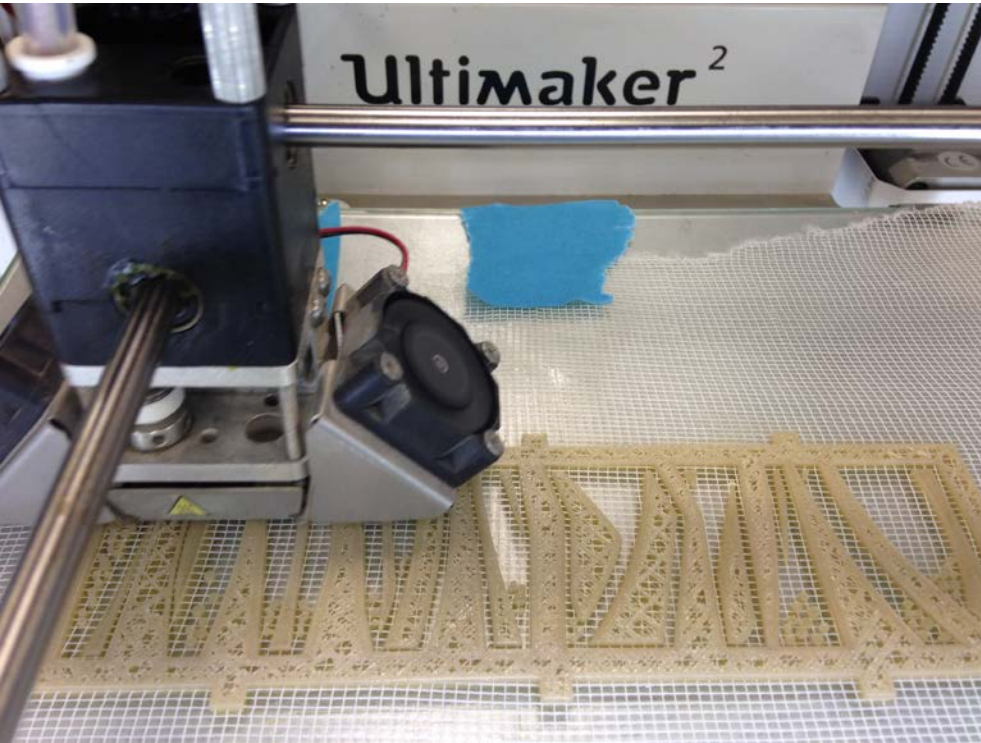


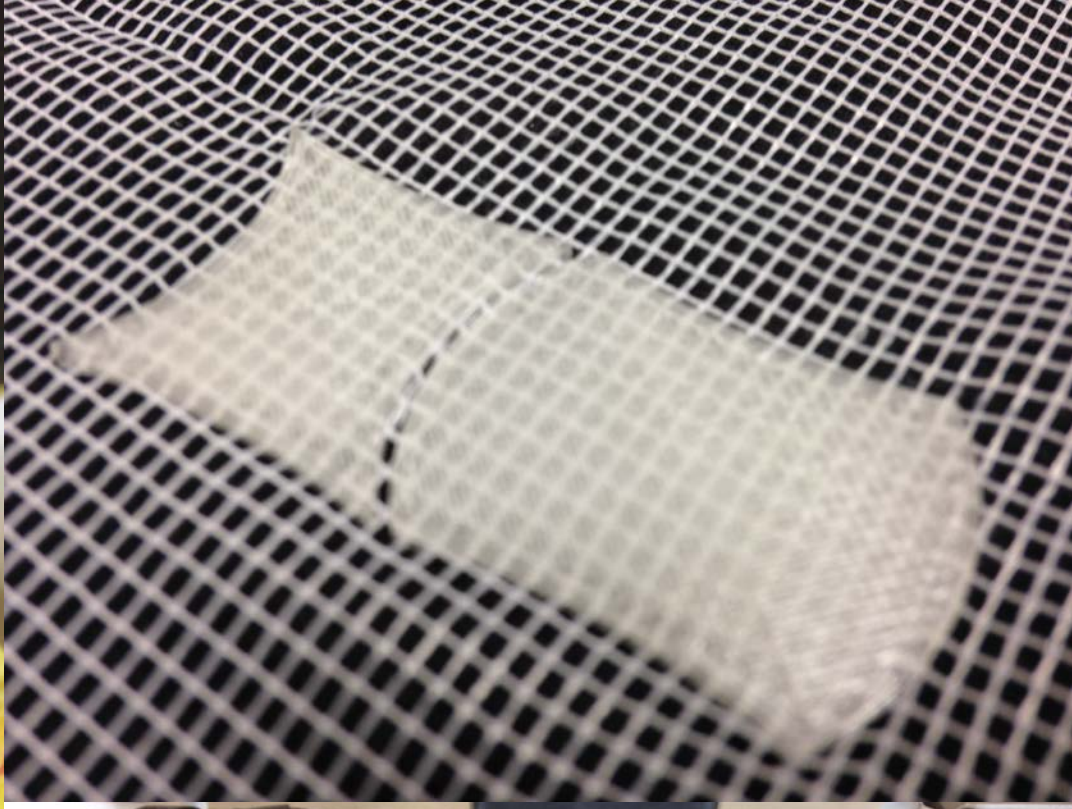
Wanpan
MR-6A X 2019A
MAX 10A 200V
U.S. PATENT
U.S. PATENT

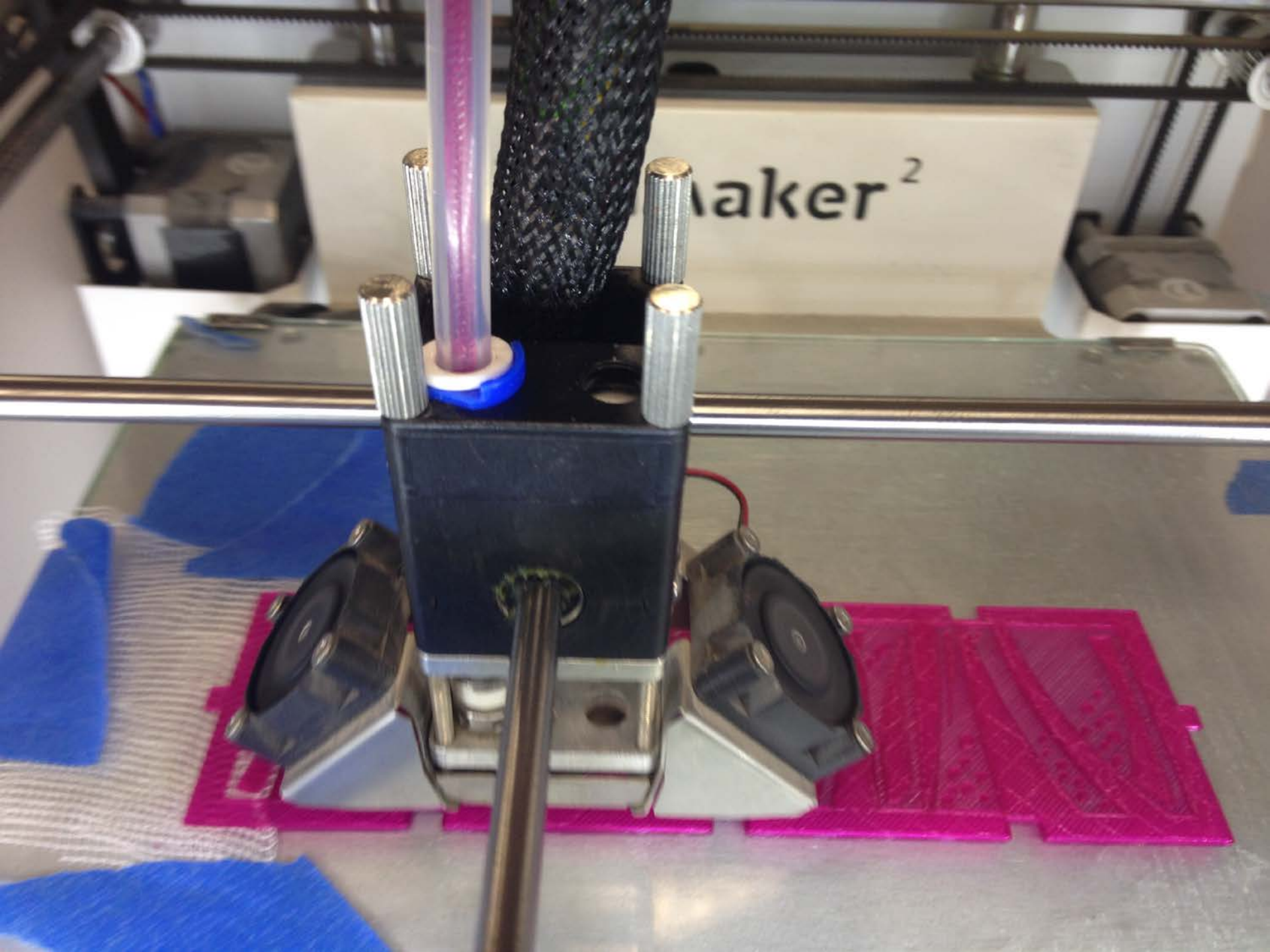




TO CREATE A SOLUTION





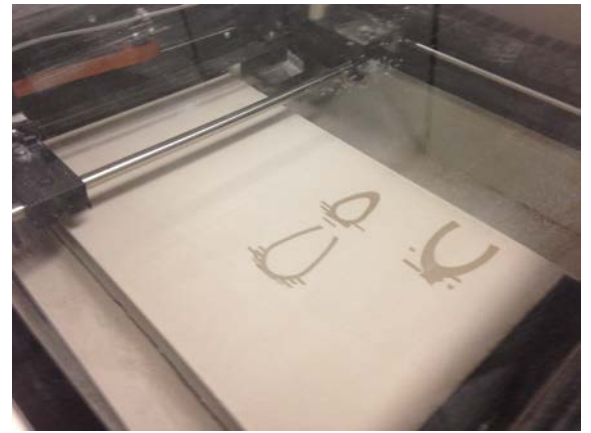
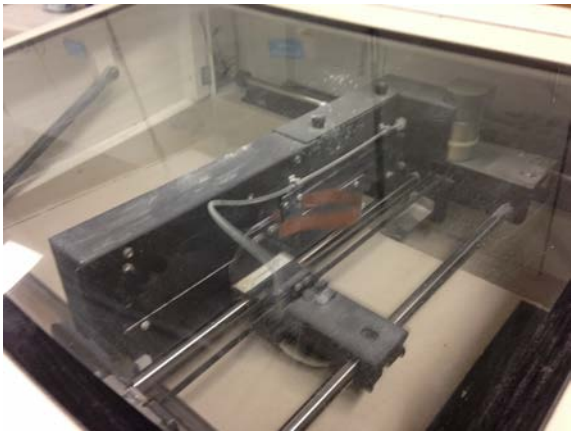


Maker²



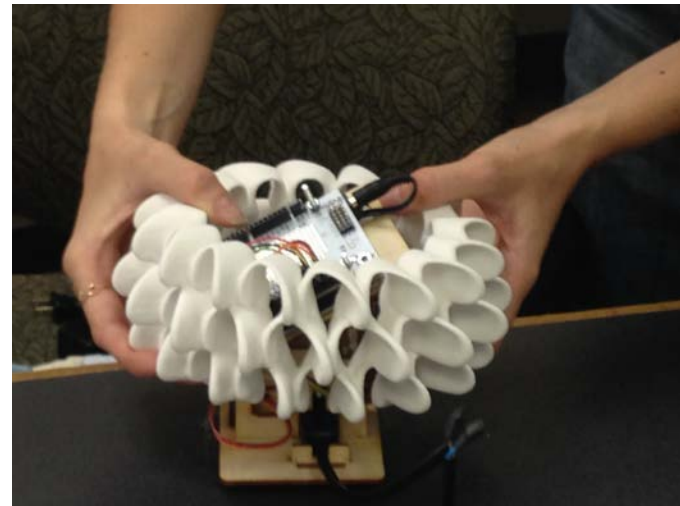
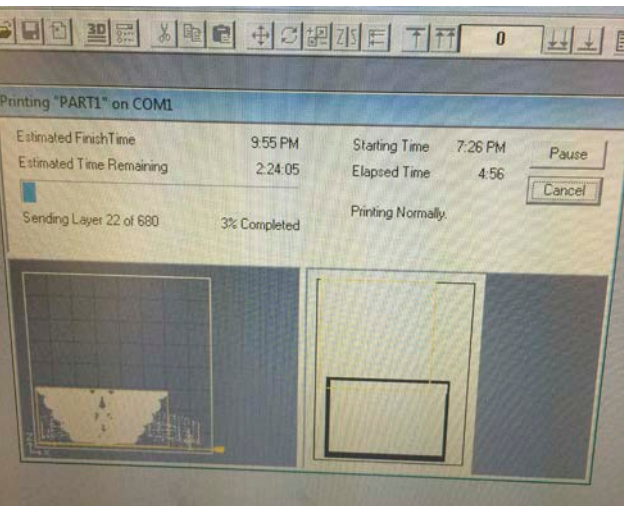
3D PRINTING

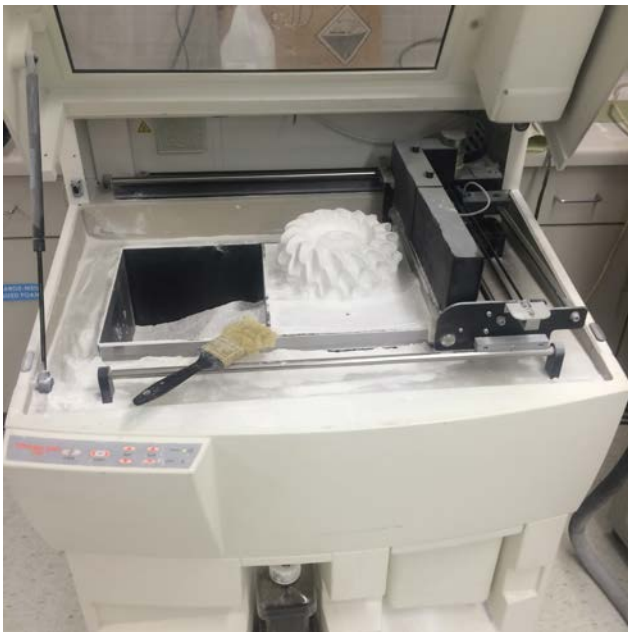
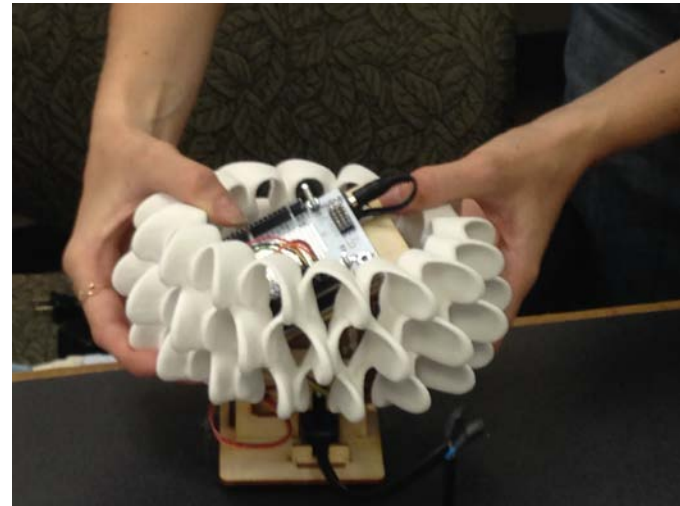
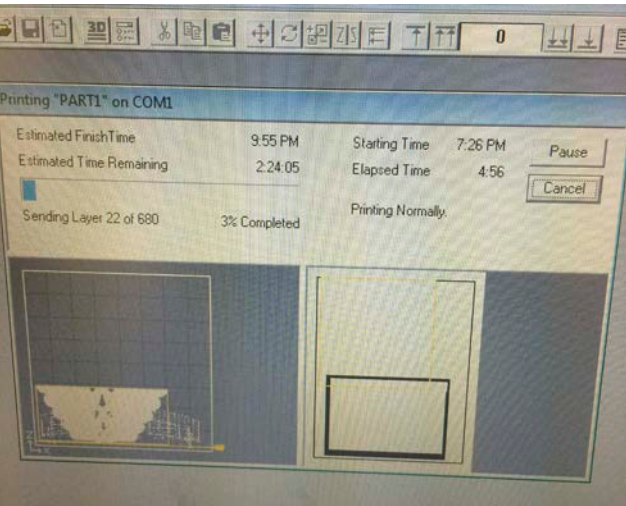
ZCORP PRINTER - 310



ZCORP PRINTER

ZCORP PRINTER - 310



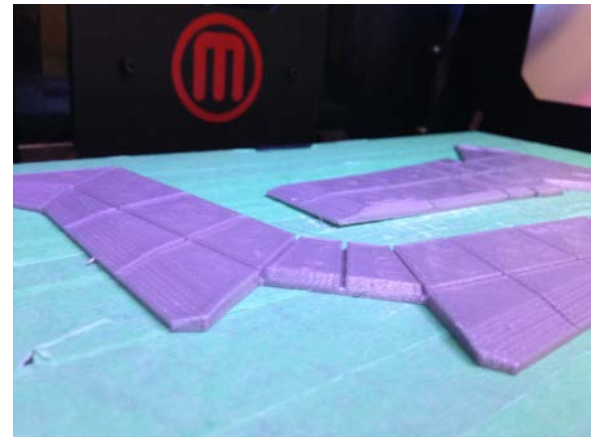
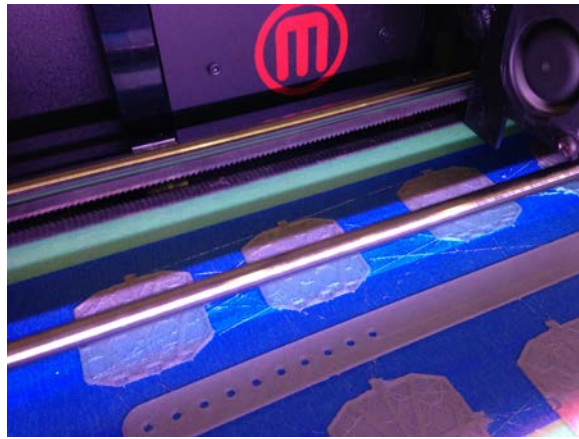
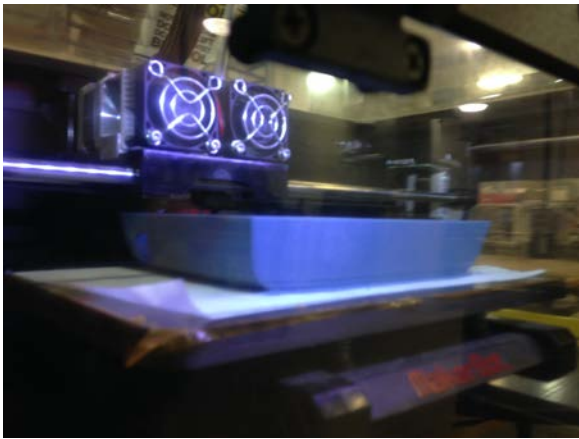


ZCORP PRINTER –

310

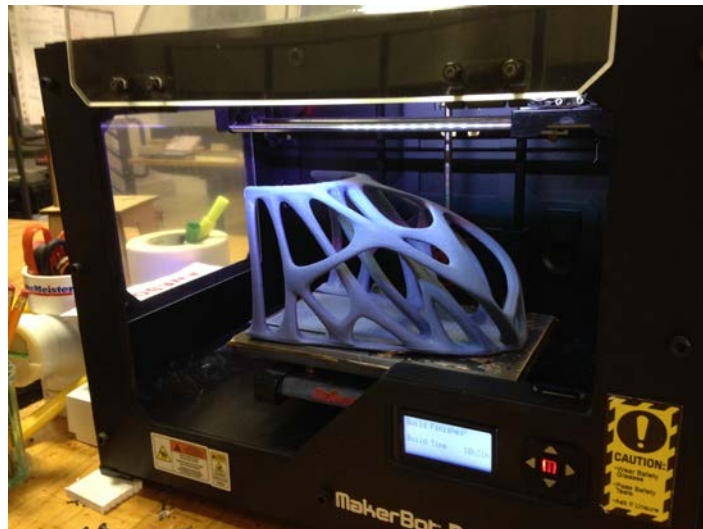
NEW MATERIALS - STONEWARE





MAKERBOT

2 + 5





FORMLABS

NEW MATERIALS - PORCENALITE



ULTIMAKER



ULTIMAKER

