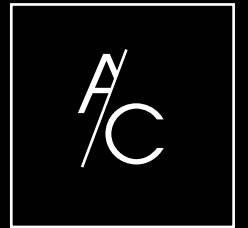


POR

TFO

LIO

2020



# My Journey



Feb 2019 – Jun 2019

ST Engineering ( ST Kinetics)

Freelance Designer



Shanghai



Aug 2019 – Sept 2019

Shanghai Jiaotong University

Exchange Student



2017 - 2020

Ngee Ann Polytechnic

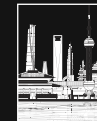
Diploma in Product Design & Innovation



Dec 2015 – Aug 2019

Swiss Cottage Secondary / St. John Ambulance Zone 4

Volunteer Trainer/ Advisor



Shanghai



Aug 2019 – Jan 2020

Kohler Investment Co.  
Kohler Design Studio (Shanghai)

Industrial Design Intern

## Skills :

Computer Aided Design software (Rhino 6, Creo)

Adobe Software (Photoshop, Illustrator, InDesign, XD)

Rendering software (Keyshot)

Microsoft office (Word, PowerPoint, Excel)

## Other Skills :

Marker Rendering

Model Making

Sketching

Languages : English, Chinese ( Spoken, Written )

# Projects



Remote Project

# Nami Speaker

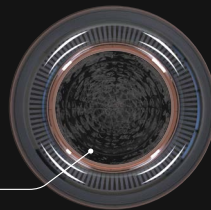
Inspired by different sound frequencies in music, The Nami speaker evoked various senses to its users through different sound wave patterns.

## Nami

Nami turns sound into visual sensations:  
Liquids dancing to music.

Designer  
Hong Anchen

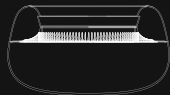
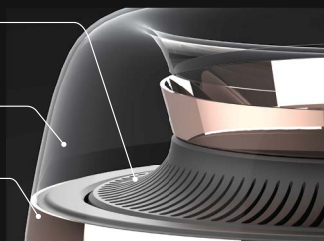
Different frequencies  
produces different  
chromatic patterns



Channelling  
for sound

Glass

Aluminium

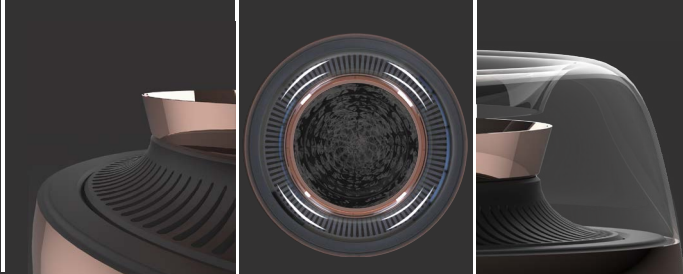


Speaker | W 200 x D 200 x H 120 mm  
Materials: Aluminium, Glass

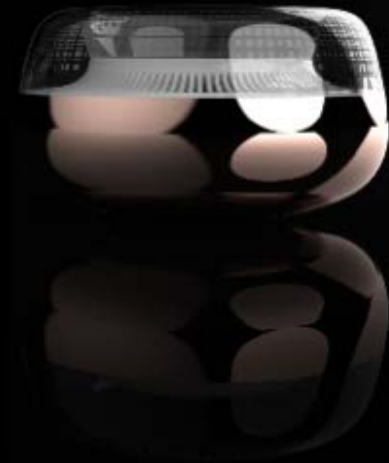




Nami turns sound into visual sensation,  
Liquids that dance to music



# Nami





# Orion

Orion was created with upcycled leather. The aim of this product is to create delightful day-to-day experiences by redefining accessibility through sleek and compact solutions.



# Orion

Orion is a collection of products targeted to young working adults who are tired of their old, bulky and inconvenient leather goods. We came into this project with only one goal in mind: create compact and innovative carriers for Everyday use. Though we were restricted by compact designs, we didn't eliminate the actual functionality and aesthetic of our products, hence resulting in a new generation of leather carriers that are not only classy, but essential.





# Mini Nutella

Innovating new sustainable packaging designs, Improving the existing product's packaging. As companies seek to improve their packaging frequently, to increase sales, improving consumer's post purchase experience and advertise their new products.



# Mini Nutella



Mini Nutella reduces the need to carry a spreader and the nutella jar around

The Nutella Series by Nutella allows you to enjoy nutella on-the-go!

## Features

The packaging comes in different variations for you to choose from:



### Nutella Pyramid

This packaging can hold 2 mini nutella individual packets. You can bring this around for convenience.



### Nutella in a box

This packaging can hold 8 mini nutella individual packets. It can be presented as a gift.



### Mini Nutella

This mini nutella is designed for 1 time use, the design of the packaging allows you to squeeze nutella out easily.

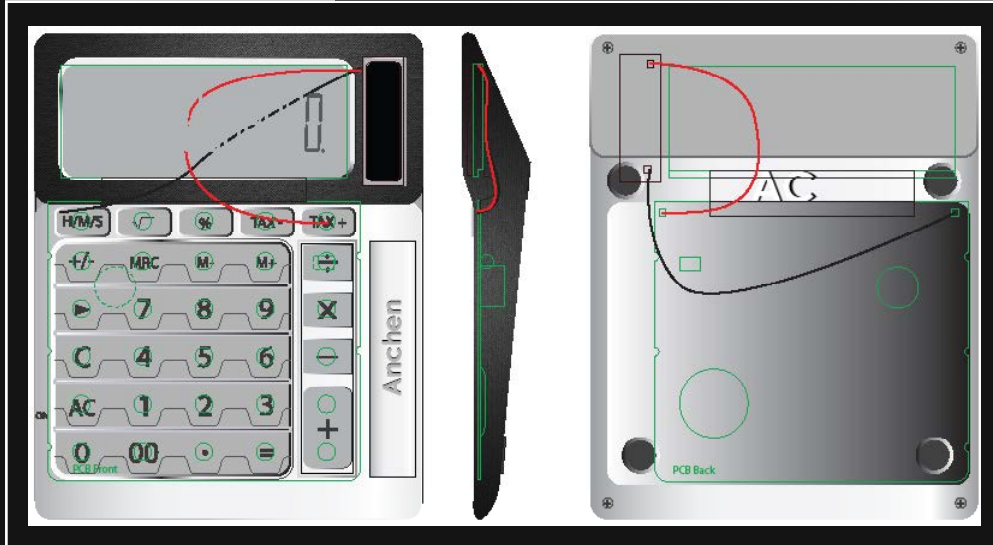
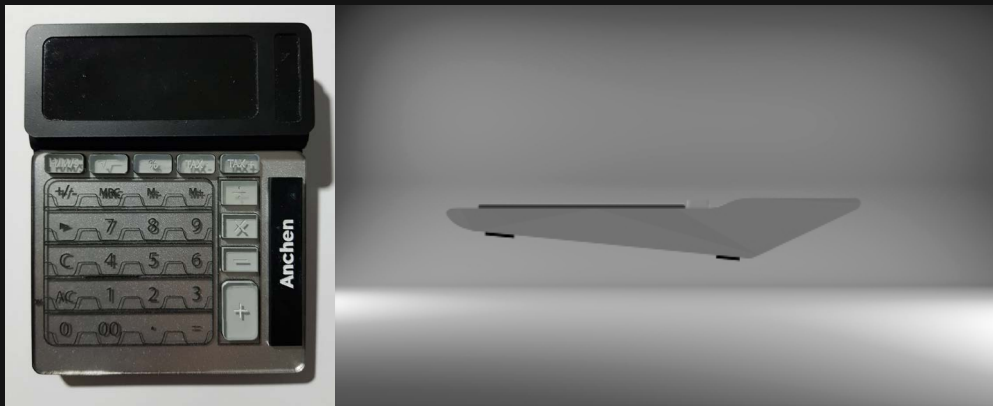


This packaging design is lightweight and portable, where users can bring mini nutella and have them on-the-go. For example, it can be enjoyed even for picnics or even for your breakfast.




# Calculator Project


A calculator is aimed to design for a creative director who uses his calculator frequently for business. It is intended to be a multi-functional, premium calculator using elegant colours, refined materials and smooth finishing.



# Lighting Project


Inspired from the lunar eclipse, Moolipse moonlamp function as an ambient and study table lamp where the user could adjust the amount of light emitted from the ambient lighting. It is made from concrete, metal and acrylic material.



**M**  **OLIPSE**

Once in a decade

**A half moon table lamp  
Ambient and a study lamp**



# Cereal Dispenser

The Cereal dispenser was designed to dispense cereal easily in a neat and tidy manner, encouraging children to have cereals for breakfast. This interactive dispenser is able to dispense one serving of cereal each time, providing convenience to the user.





# Project - Tasik

This furniture is aimed at students and teachers in Kampong Naga Kindergarten, a small village in Tasikmalya, Indonesia, Bandung. This design incorporated furnishing design trends in South-East Asia region. This was a industry collaboration project with Cellini and Djalín.



Weaving Pattern



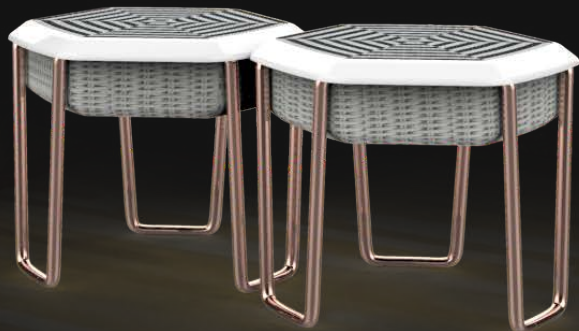
Basket ( Weaved )



Removable Top  
(For Storage)



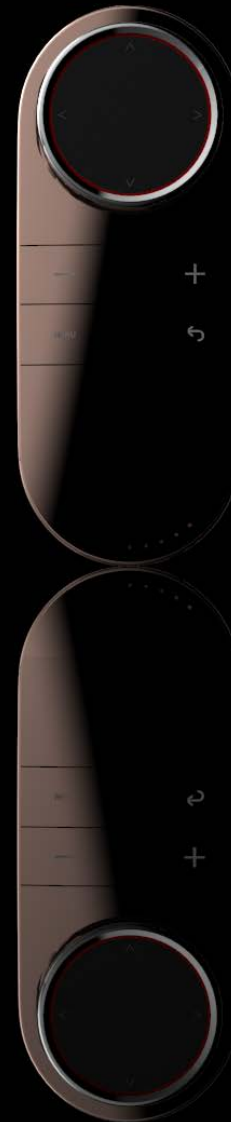
Solid Aluminium Rod

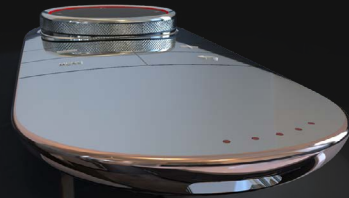
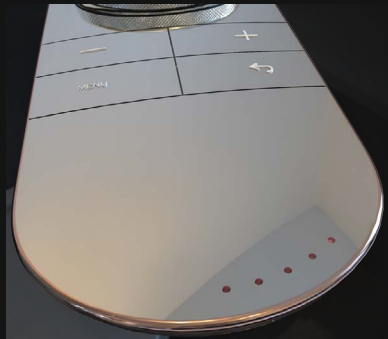




# Remote Project

Design an innovative solution that consist of a remote control, box and user interface, which creates a new experience in navigating through streaming content in the near future (within 5 years).





# Toastmaster

Design and make a innovative kitchen product – either a new product or a significantly improved version of an existing product used in a kitchen. Targetting at young adults, due to hectic lifestyles, especially in the mornings young adults tend to skip breakfast. Breakfast is also known as the important meal for the day, as it kickstarts one’s day.

## Environment



## Toastmaster

How might we develop a toaster that allows the toast to suit the user’s preference?



User interface to suit to the user preferences and bring user convenience

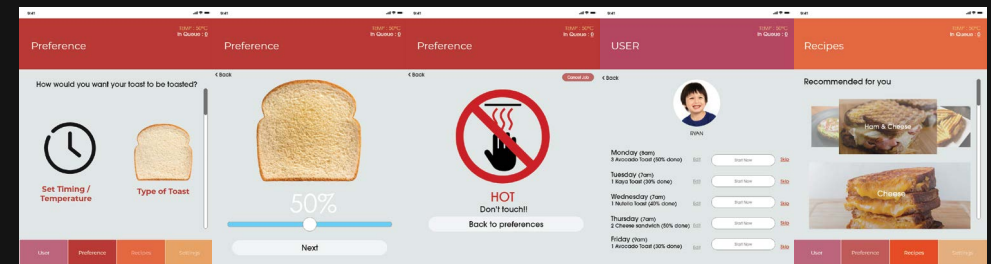


Push Mechanism



Toaster | W 150 x D 270 x H 150 mm  
Materials: Plastic, Metal

## User Interface



User Preference

Different User

Recipe suggestions

Allowing the user to set their own preferred timing or temperature and the user’s preference of toast

Scan this QR code to access my user interface.



Website link:  
[https://www.youtube.com/watch?v=Yw-Z\\_f1QObyo](https://www.youtube.com/watch?v=Yw-Z_f1QObyo)

# Hand Drill Project

Design a outer shell with the components given. The internal components was studied and learnt tolerancing of different internal parts.





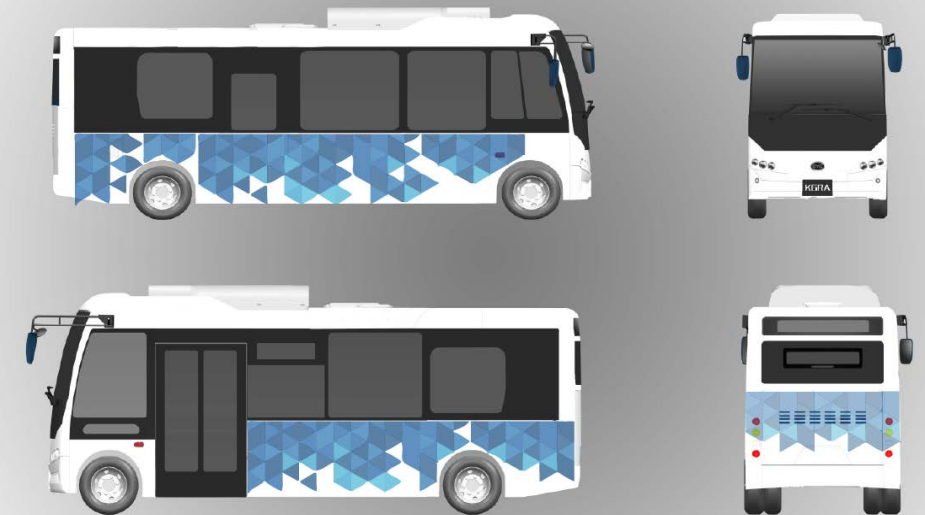
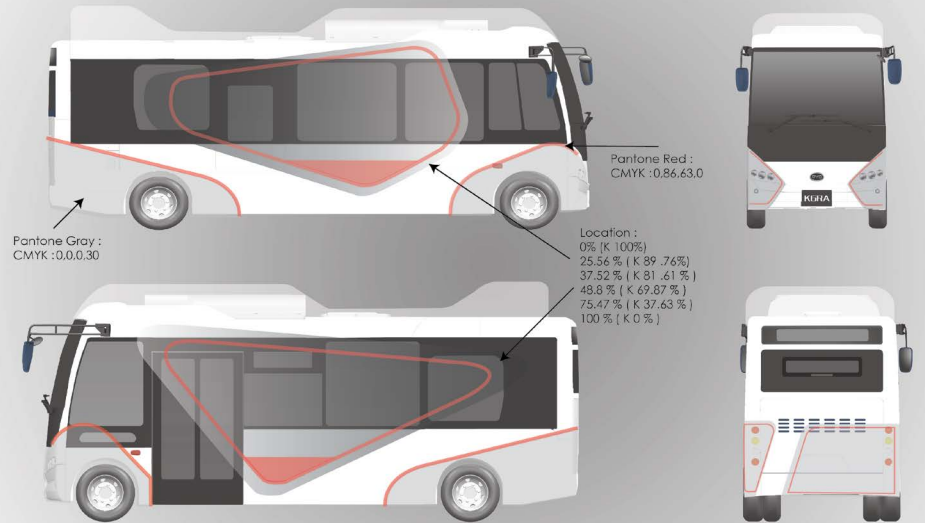
# Shell Eco-Marathon

This was a collaboration project with Etc. Lab and School of Engineering. The School of Engineering takes part in Shell Eco-marathon annually and the posters and shirts were designed for this project.

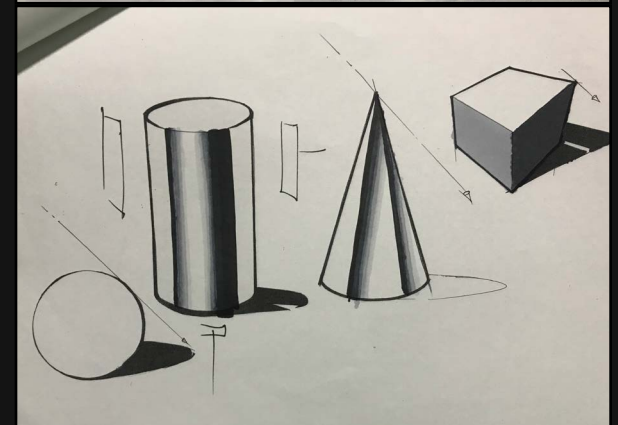
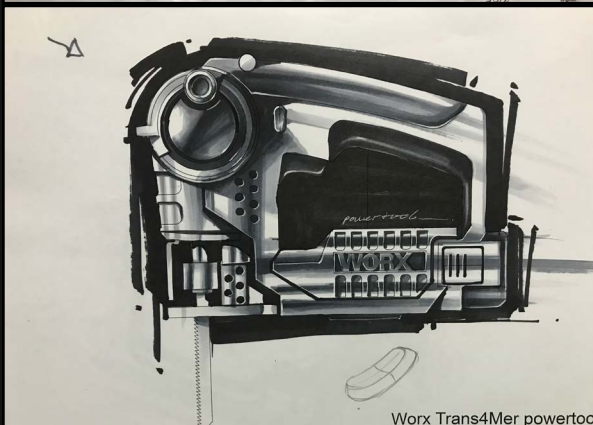
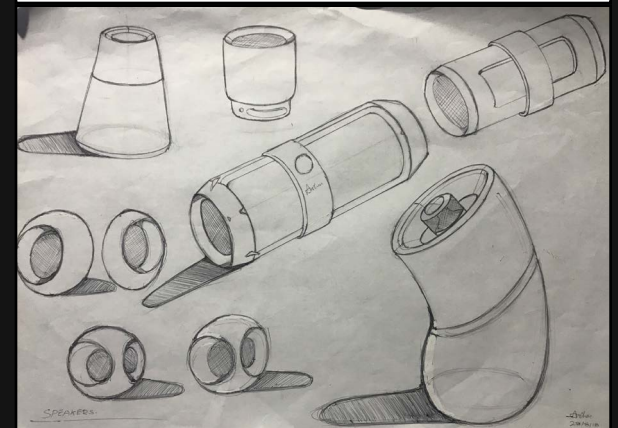
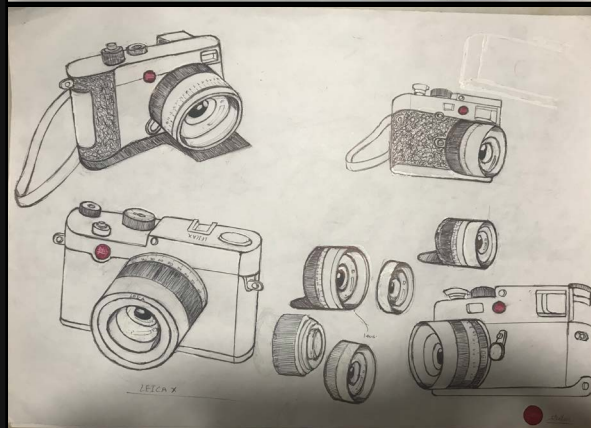
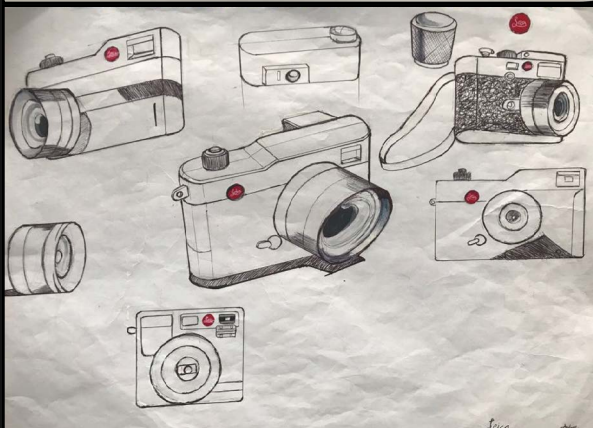


# ST Kinetics

This was a client project, the styling for the concept buses for BYD was done for this project.



# Sketches



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