

Shenzhen Opera House

Professional project Status: Competition

Year: 2019

Role: Design partner

- -Early concept stage
- -Facade patterns design
- -Roof design and opening system



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Vanek Intelligent Manufacturing Tower

Professional project

Status: Competition

Year: 2020

Role: Design partner

- -Facade design
- -Design detailing and panelization
- -Environmental Analysis



Vanek Intelligent Manufacturing Tower

Professional project Status: Competition

Year: 2020

Role: Design partner



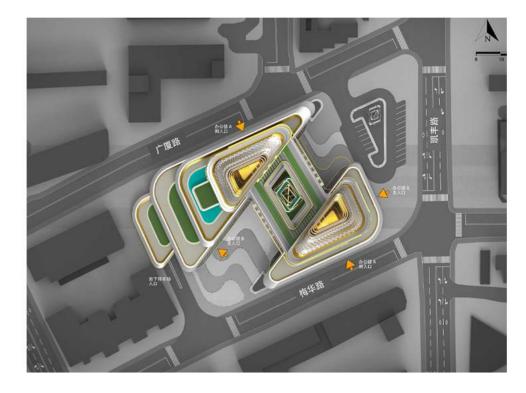
- -Facade design
- -Design detailing and panelization
- -Environmental Analysis











Guoshen Museum

Professional project

Status: Competition

Year: 2020

Role: Design partner

- -Assistant designer
- -Facade design & panelization
- -Sun analysis and study diagrams



Guoshen Museum

Professional project

Status: Competition Year: 2020

Role: Design partner

- -Assistant designer
- -Facade design & panelization
- -Sun analysis and study diagrams













Science City

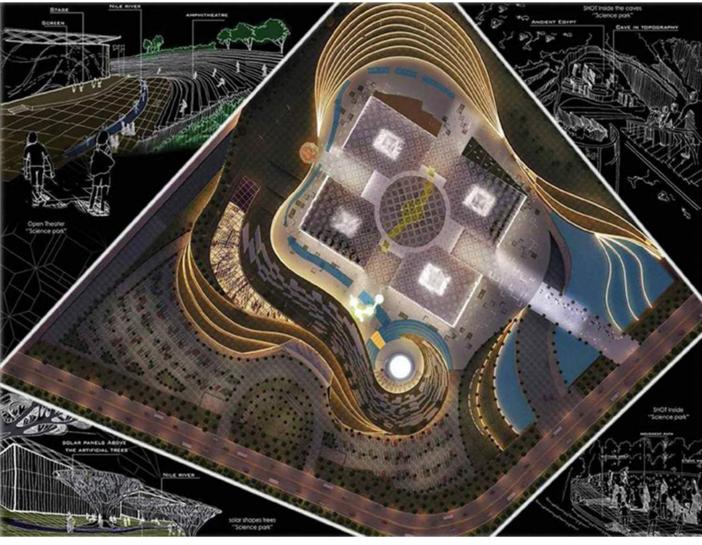
Professional project Status: Competition

Year: 2016

Role: Design partner

- -Assistant designer
- -Early concept stage
- -Study diagrams





Science City

Professional project

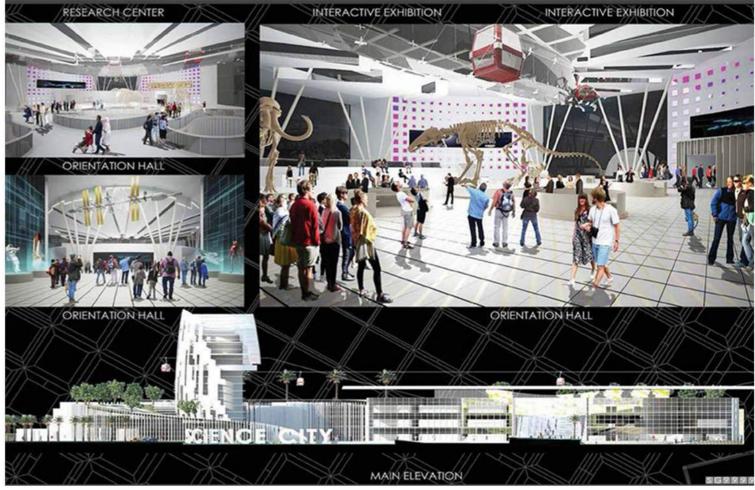
Status: Competition

Year: 2016

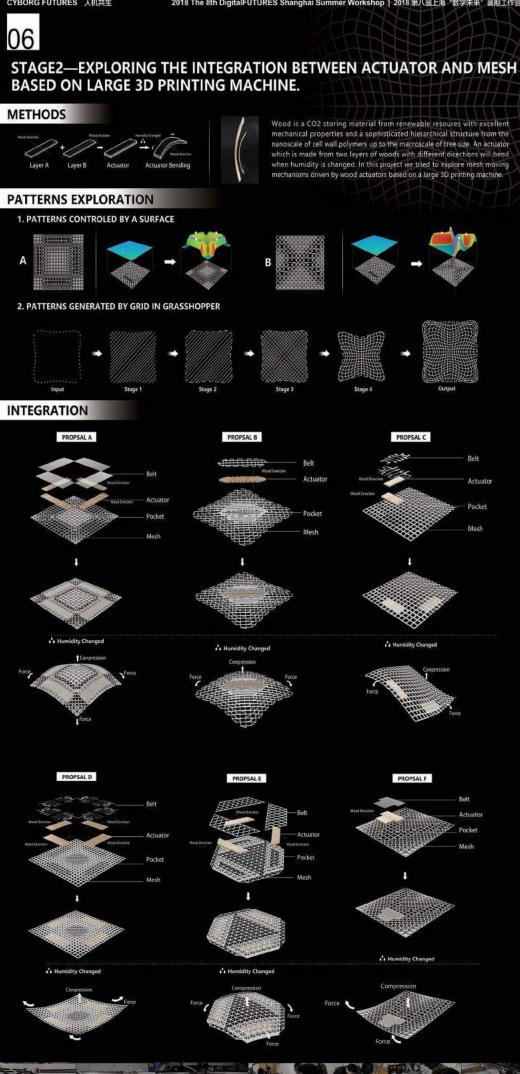
Role: Design partner

- -Assistant designer
- -Early concept stage
- -Study diagrams





2018 The 8th DigitalFUTURES Shanghai Summer Workshop | 2018 第八届上海"数字未来"暑期工作营 CYBORG FUTURES 人机共生 2018 The 8th DigitalFUTURES Shanghai Summer Workshop | 2018 第八届上海"数字未来"暑期工作营 CYBORG FUTURES 人机共生 PROGRAMMING MATERIAL INTELLIGENCE 响应式生物混合系统 3D 打印 06 STAGE 1-MATERIAL PATTERN AND BEHAVIOR STUDY BASED ON LARGE 3D PRINTING MACHINE. BEHAVIOUR STUDY METHODS PATTERNS EXPLORATION 1. PATTERNS CONTROLED BY A SURFACE PATTERN STUDY 2. PATTERNS GENERATED BY GRID IN GRASSHOPPER



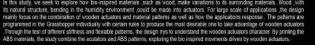
2018 The 8th DigitialFUTURES Shanghai Summer Workshop | 2018 第八届上海"数字未来"暑期工作营

06

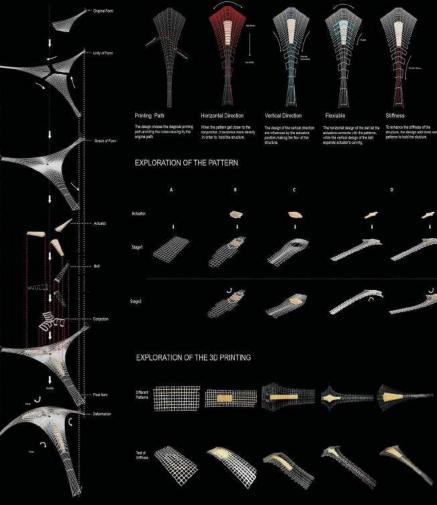
STAGE 3 THE EXPLORATION OF BIO-INSPIRED WOODEN ACTUATORS FOR LARGE SCALE **APPLICATIONS**

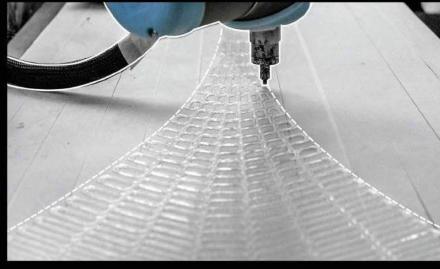


INTEGRATION





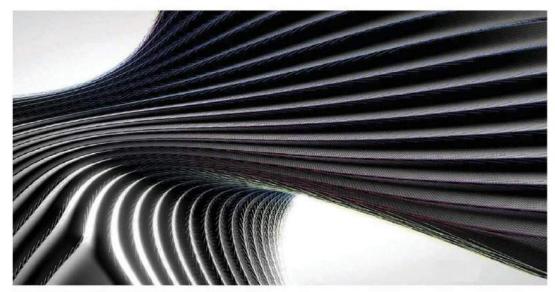




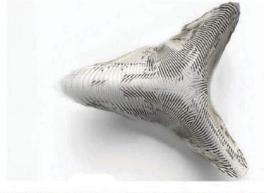


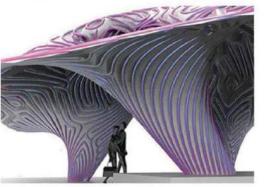
Vibearch Workshop

WS1 Learning how to interweave intuitively simple 3D modeling operations with strategies for parametric control of the model's geometry through Rhinoceros 3D and Grasshopper, simulating material systems and forces with the help of its plugins Kangaroo, Weaverbird and Millipede by Alessio Erioli from Co-de-iT











Vibearch Workshop

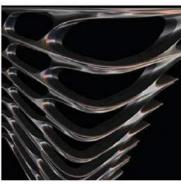
WS2 explore strategies to design in Maya, systematically with complex geometries following a professional workflow and to be ready to design a massing model for a concept phase or to design the own product design.

Receive an overall of Autodesk Maya finalized to work with low-poly mesh and basic/advanced tools in order to have a final high density mesh ready to be exported in Rhino or 3d printed. A final key exercise will investigate the potential of an high density mesh towards geometrical exploration and designing performance for the output of a FACADE DESIGN LAYOUT for a TOWER by Davide Del Giudice from Zaha Hadid Architects.

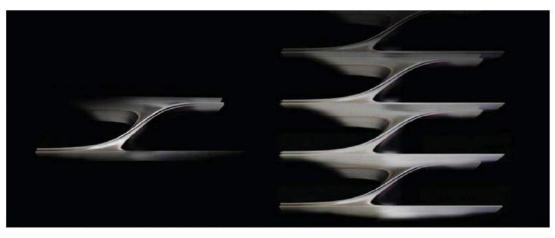












Vibearch Workshop

WS3 Activites included familiarization with how to be a designer and not just a renderer.

How to explore striking visual narratives and experiences while highlighting the main architectural design intent and defining the best out of it. How to create fast track draft visual directions that resembles a story board for the client to select the best directions from. How to communicate your ideas efficiently and sell it to the clients. How to build a strong relation with the clients that eventually gives you the freedom and the trust to explore unique visual languages by Karim Mousa El Ramly from Plompmozes







