

AP

Architectural Portfolio

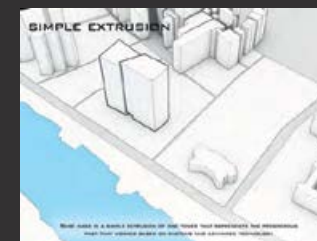
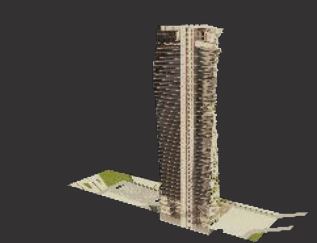
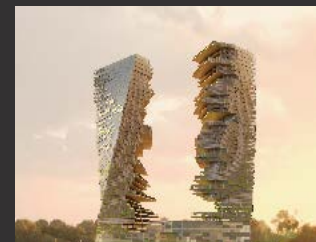
Youssef Sameh Abou El Ghar

youssef_aboualghar@hotmail.com | +971 58 635 3049



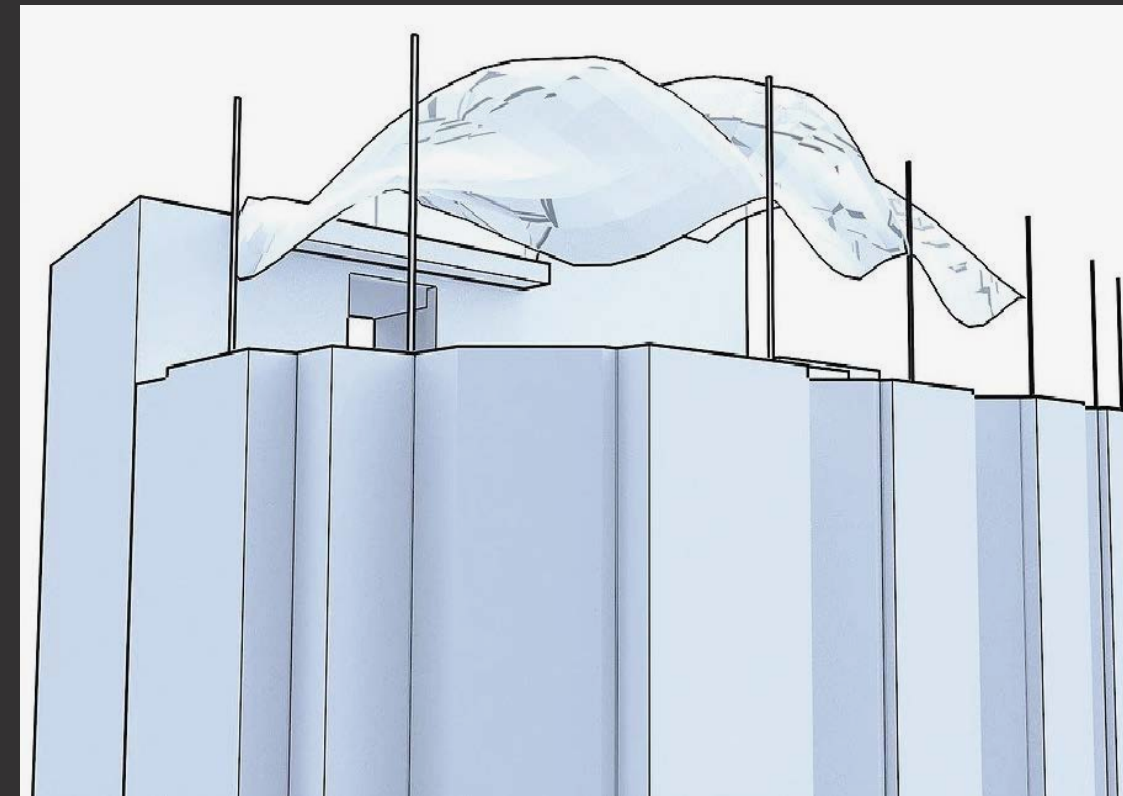
The concept was inspired by egypt's current state we live in where our country struggles to get back on it's legs. A reminder of the glorious past and a light of hope for the future.

It is represented by a building that suggested ancient civilization with sophisticated technology. That it was lost. It became only ruins. In time plants grew on it broke down. Yet it still stands after all this time. New settlers are starting to take it as shelter. They are learning from it. Slowly they regain some of the lost knowledge and manage to rebuild part of. Rep-



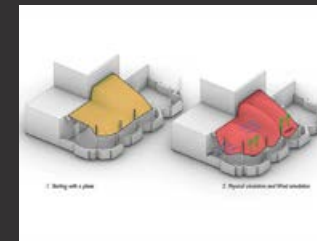
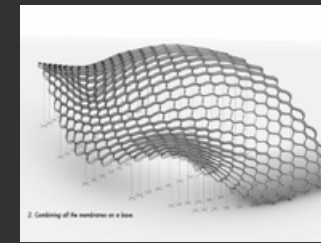
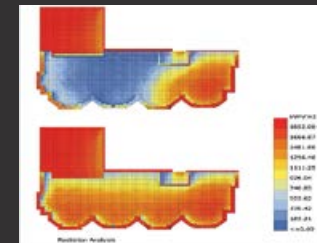
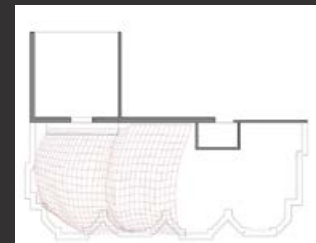
02

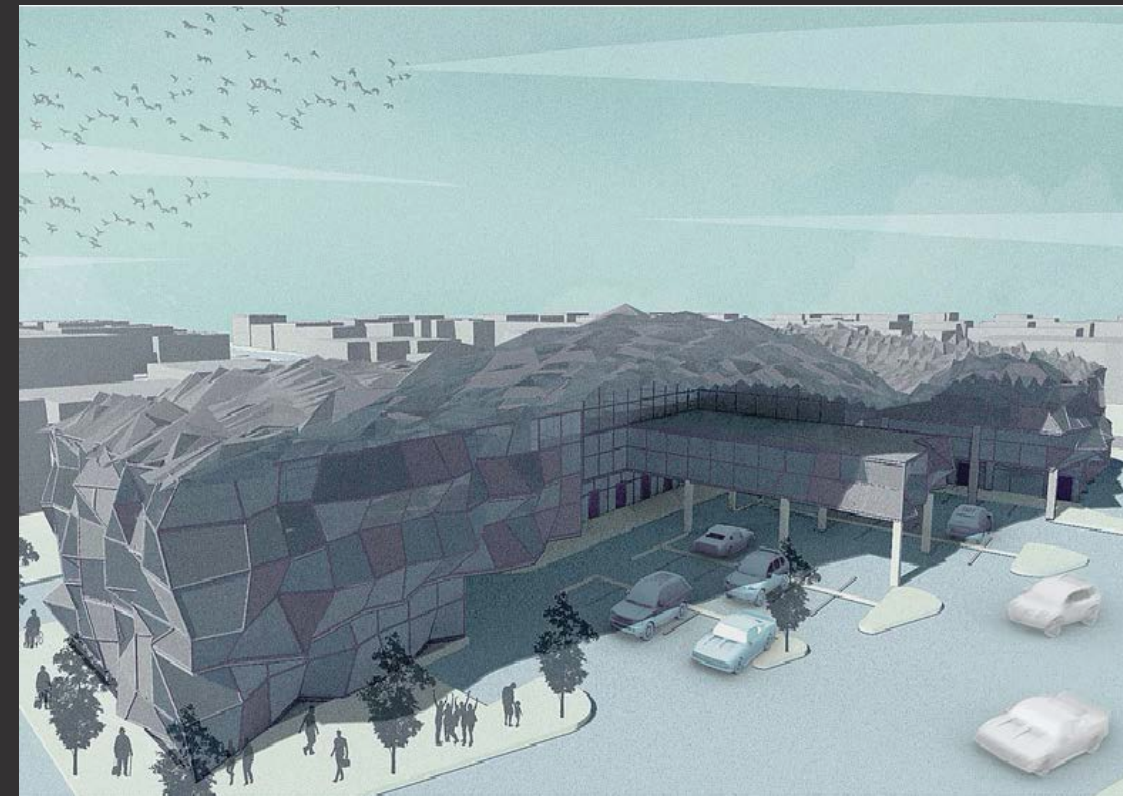
YFA HQ Roof



Located in Maadi, Cairo, Egypt. As a part of our research and as we moved to our new HQ YFA decided to shade its roof.

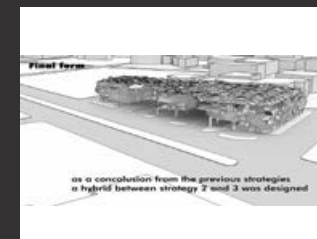
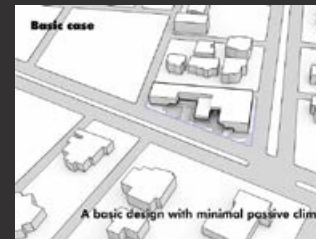
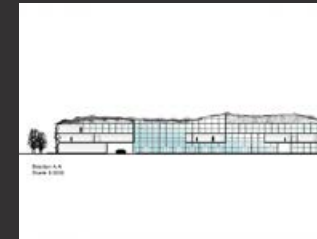
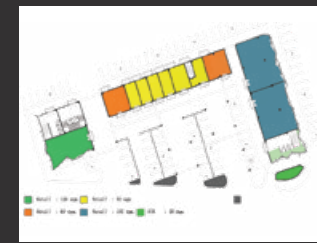
The YFA HQ roof covers an area of 38 m² on an 82 m² roof on one of Maadi's Main streets surrounded by residential buildings. A pavilion was designed to cover the roof of our building using vaulting technique to make the pavilion withstand its own weight.





Located in Jeddah, Saudi Arabia, The restaurant places 3360 m2 of plot area overlooking 2 roads which gives it site advantages and more potential at becoming a landmark. The purpose was to make new restaurants with an innovative façade the would look like it's made from cutting edge tech while having minimum radiation during summer.

To make this building possible, we had to bring together coding, Environment and architecture. So, we made an algorithm that follows the sun path in the area to avoid direct sunlight during summer so the less AC is used and more people are comfortable.



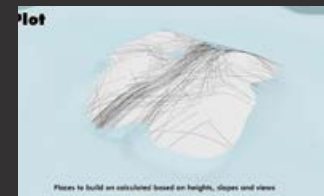
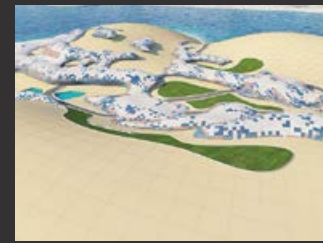
04

Saudi Island Waterpark



Located on an island on the upper west coast of Saudi Arabia. The Saudi government seeks to invest in islands along the west coastline to increase its tourism.

The Saudi Island places 298136 m2 of dry land surrounded by water from all sides. The project was about building a pavilion on an isolated island with least modification the land of the island. Using vaulted structures and special composite materials The Saudi Island was allowed to have a greener environment. The Saudi island consists of amusement zones for kids and adults that involve water games.



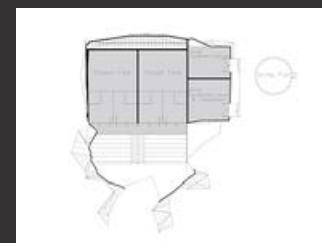
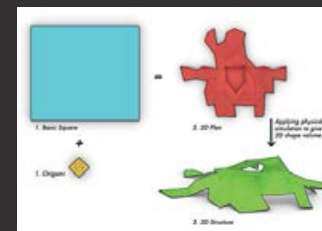
05

John Kassar County



Located in King mariout, Alexendria, John Kassar county is a bio county with activities and leisure.

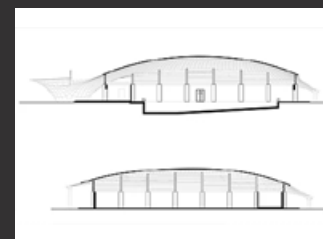
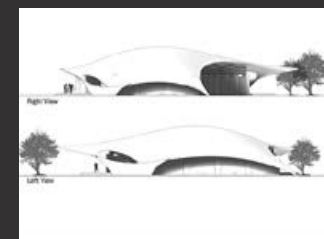
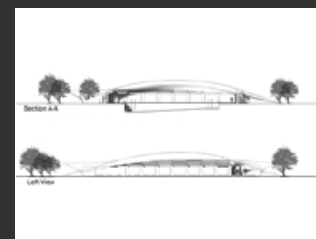
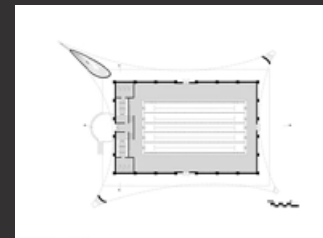
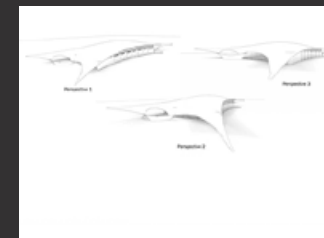
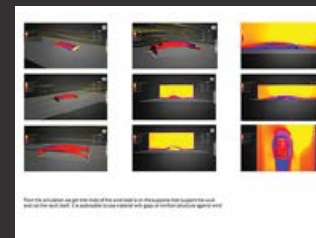
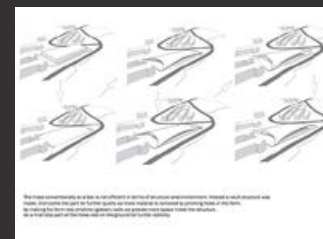
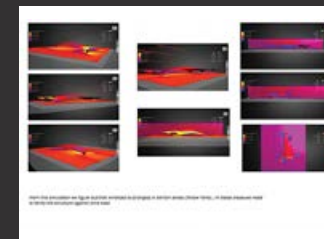
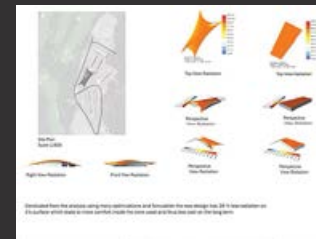
JK County located on a 79269 m2 of land. The project is about a county with many different and attractive leisure activities. It contains chalets, gym, spas, clubhouses, swimming pools, soccer pitches, tennis courts and other activities. Surrounding a zone of chalets engulfed by water features.





Located in Kuala Lumpur, Malaysia. Templer park school invested in making a swimming pool with a roof for its students. Templer Park pool places around 2000 m2 surrounded by a forest.

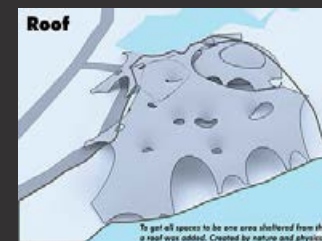
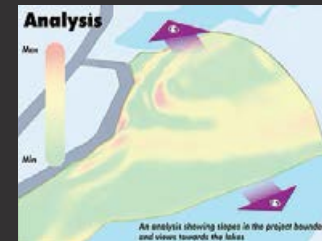
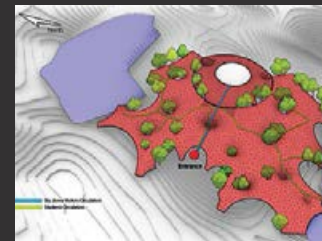
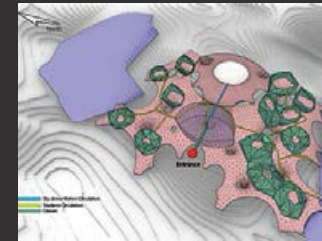
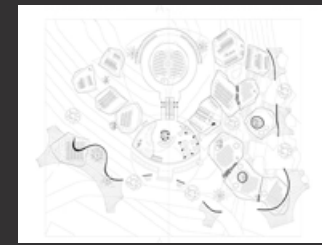
The main goals were providing shelter from the weather conditions, provides some privacy with a lightweight material and large spans. The space consists of Swimming pool, Changing rooms, WCs and showers. To accomplish goals for our design we went back and forth between design, Coding and Analysis.





Located in Kuala Lumpur, Malaysia. We are to design an Immersive Center with special features and assets that go beyond the highest standards and use the highest tech in teaching and in spaces.

The ITC places 2818 m² on a land of 7310 m² in the middle of a forest, 2 lakes from each sides that make great views and on a high land. With its open space classes users are allowed to move in an urban open space instead of a closed one which is very convenient in tropical areas.

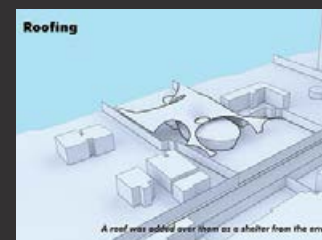
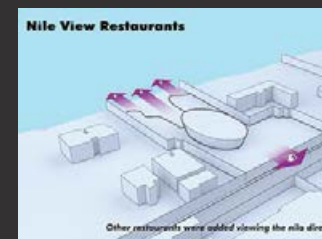
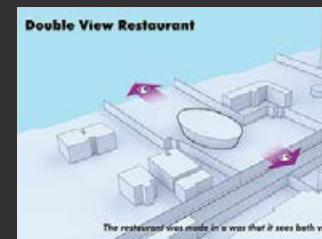
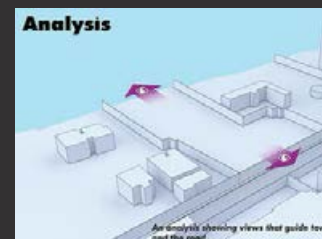
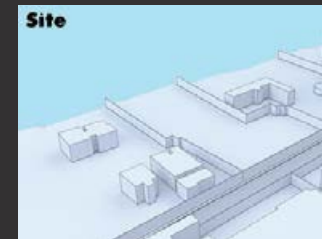
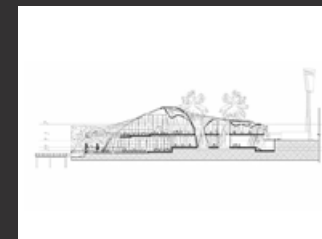
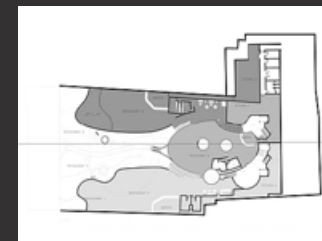
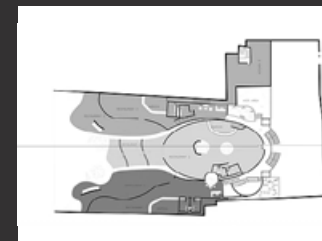
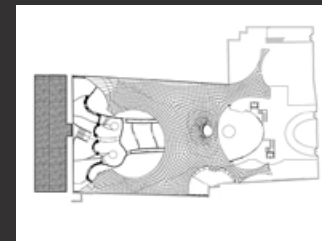




Located on the Nile in Manial in Cairo the capital of Egypt. Palma International Trading and Contracting sought to build restaurants situated on the Nile.

The restaurants places a total area of 3831 m² of area . The site is situated directly on the Nile which gives it a huge advantage in terms of view, the main restaurants are all overlooking the Nile. Also a new composite roof was added to the form ensuring covering and more clean spans.

To use the view even further two rift like open space restaurants were added next the cylindrical restaurant guarantying more user get to views without blockages.



Analysis

Double View Restaurant

Nile View Restaurants

Roofing