JONIAN REMACKA
Architecture **PORTFOLIO**

JONIAN REMACKA

Architect & Urban Designer

Birthplace

March 3 1989
City: Mirdite
Nationality: Albania

Contact

Rruga "Ylbere Bylykbashi"
Zip City: Tirana, 1001
Cel: +355 (69) 75 75 017

✉ jonian.remack@gmail.com

Social Media

📷 iam.joni

Hobbies

🎵 music   📖 reading

⚛ astronomy   🧳 traveling

🧍 mathematics   ✳ technology

Foreign Languages

English	●●●●○
Italian	●●●○○

Architectural Profile

It has been an amazing and self-discovery journey the study of Architecture.

Since I finished my stydies I had been part of an Architectural office in Tirana, more like a little space into which along with 2 friends of mine started as a research and experimenting studio in the field of Architecture. Our experience is so little in this field but yet so sincerely humble and full of feelings.
We had been part of different commissions, varying from, ArtGalleries, Automobile Showrooms, Residential buildings and InteriorDesign, projects that our office had sucessfully delivered with the great help and consultance of other senior Architects and Engineers in our town whom not allways had been so-fully supportive, but hey, life's not easy ;)

I consider myself a person who is fascinated behind the fact of being part of a team that approach Architecture in a tender way and touch people's heart with a gentility that make's of it the reason why we do what we do.

I do really have the belief inside of me that we all carry within ourself a multicolorance of the thought which is always unique in every single one of us, and that when given the chance to open our heart and minds to them, in that very instance, we have given the chance to somebody and to our-body the chance to openly flourish towards the great and intriguing 'unknown'.

Education

Master of Science in Architecture and Urban Design
Polis University, TIrane | October 2007- September 2015
Diploma | Architecture & Design | Final Thesis: Winery on Rahoveci Valley

Learning Practice

Training in historic preservation of culturally-important objects
Beledije, Prizren, Kosovo | September 17- 29 September 2011
Certificate | Preservation | Final Project: Structure and Facade restoration

Software knowledge

Autodesk
AutoCAD	●●●●○
Revit	●●●○○
Formit 360	●●●○○
Fusion 360	●○○○○

Microsoft Office
PowerPoint	●●●●○
Word	●●●●○
Excel	●●●○○

Visual Programming
Dynamo	●●○○○
Grasshoper	●○○○○

Adobe Creative Suite
Photoshop	●●●○○

Lumion3D
Lumion	●●●●○

Unreal Engine
UE4	●○○○○

V-Ray for Revit
V-Ray	●●●●○

Experience

Interior Design
In Collaboration | Retail Stores + Residential | Tirana, Albania

Architectural Project + Interior Design
In Collaboration | Project Villa 845m2 | Divjake, Lushnje, Albania

Architectural Project
Leading Architect | Residential + Retail Store | Trana, Albania

Graphic Design
In Collaboration | Flyer | Banner | Zurich, Switzerland

Draftsman
In Collaboration | Industrial Project | Mushroom Production Facility | Tirana, Albania
In Collaboration | Commercial | Ranault Auto Showroom + Offices | Tirana, Albania

J | R

Table of Contents

Winery at RahoveciValley

DigitalFabrication
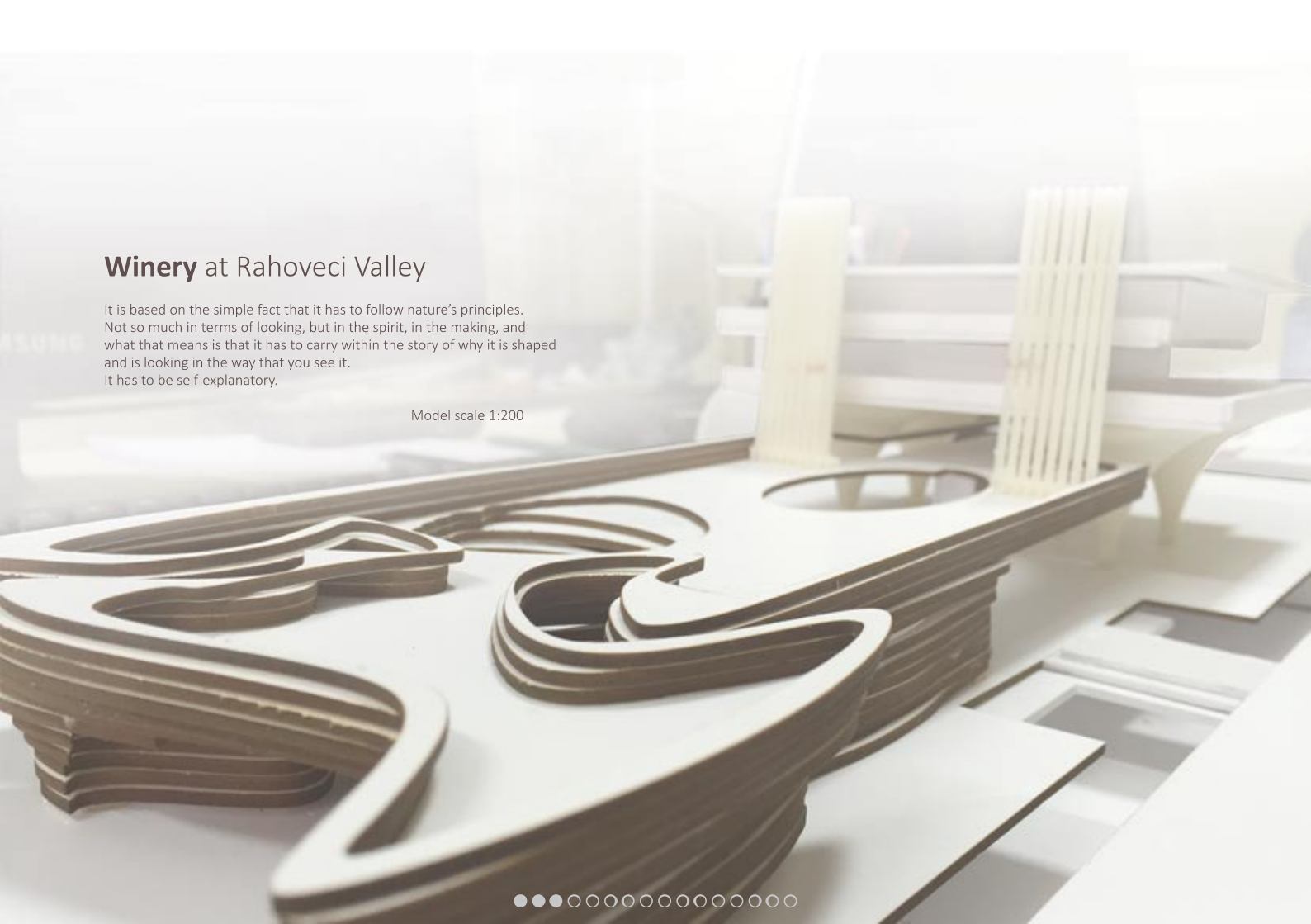
InteriorDesign

ComputationalDesign

Winery at Rahoveci Valley

It is based on the simple fact that it has to follow nature's principles.
Not so much in terms of looking, but in the spirit, in the making, and
what that means is that it has to carry within the story of why it is shaped
and is looking in the way that you see it.
It has to be self-explanatory.

Model scale 1:200

WATER — LAND — MOUNTAIN

NATURAL LIFE

inspiration

EXT. FORCES

TOP OF THE MOUNTAIN

BOTTOM OF THE OCEAN

4 BILLION YEARS

concept

SPACE + □ + ∿ → ⟋

BOUNDARIES   NATURAL MOVEMENT   ORGANIC INTEGRITY OF THE WHOLE

sketches

WINE MUSEUM

SEMI-TRANSP
NOT STATIC

LATERAL LIGHT
SIDE OF DAY

SEMI-TRANSPARENT
SENSE OF PLACE

LATERAL LIGHT
VERTICAL BOULEVARD

WINE JOURNEY

ADMINISTRATION

Nature shows us in her principles how everything that populates earth has its own character but no one in particular could exist without the other, so they form this totality that we call Natural Life. This has a very important role in the porjecting of an architectural space,because from that we created:
"a space not thought theoretically, but how people do really move."

Since the very first beginning we thought a lot about the point where to start, because it is not only a matter of architecture, a pretty looking building, because that is quite subjective though, instead it was more than that, it had to be culturally in place and not just an egoistic expression of ourselves.
It needed to be blended into nature and promote the uniqueness of the place that would embrace her purpose, and not, in any maner, compete her.

Third Plan
It's where offices are located. Under a rectangular typology they are divided with curtain walls and feature a big verandah on the east side where you can enjoy a different coffe-break.

Second Plan
Located in the west is the Auditorium, not-classical with no-light penetrable walls, instead with curtain walls joined with vertical wood panels arranged under some distance between, and wrapped with verandas.

First Plan
One way to reach, is from the vertical boulevard positioned in the center. This space is, in its entirety, dedicated to the wine degustation. An open space with 0 partitions which means freedom at its most.
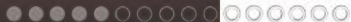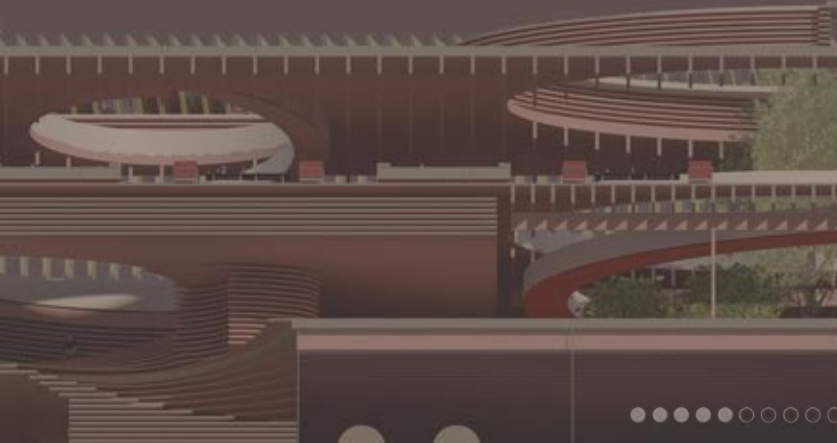
Ground Plan
This plan features a Museum, CoffeBar and aan open BookShop.
Museum is the main feature in a form of a wine-jorney for the purpose to enrich the experience.
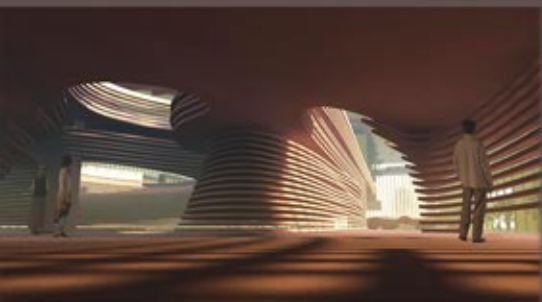
Underground Plan
The plan was dissected into 3 major spaces. The main space and the large one would serve as wine-processing and wine-making portion. At the East side would serve as Technical Area, and West as wine-aging.

DigitalFabrication

Art Gallery in Tirana

The making of this model is made by 3D printing using the technique of Sectioning the model in desired intervals using digital CAD data and transfering them to a CNC 3D Printer using ABS plastic for final print. We started by creating the overall surface in AutoCAD and after form is achieved started to section at the desired intervals based on Sun analysis in order to achive the best quality of light through the openings that these intrvals create. Printing is made by exporting each facade, and each facade is further divided into two groups with a number of panels which only at the end would be glued and painted alltogether.

Model scale 1:200

Phase 1
Facade panels 3D printed and grouped into sub-groups of two. One Facade after glued and painted, ready to be joined with the other parts into one final model.

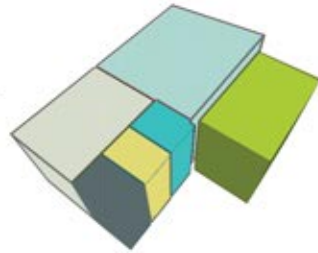**Phase 2**
Assembled Facades in the final model scale 1:200

Photos made after the purpose of showing the interaction of light, during night, with the finished model.
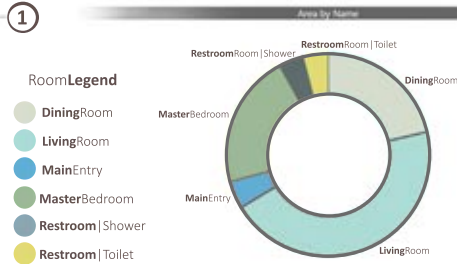
InteriorDesign

DescribleWords

Even very small houses can be inspiring sanctuaries for the soul, places to dream in, or to write an epic poem or two. The perspective upon which we wanted to take this project was simple, to be able to create an invisible and magical interior that will patiently quite your mind.Fireplace and its tranquil movement, greenery ad its unmistakable fresh smell is what takes the spiritual quality-level of the interior space to a whole and entirely new height.
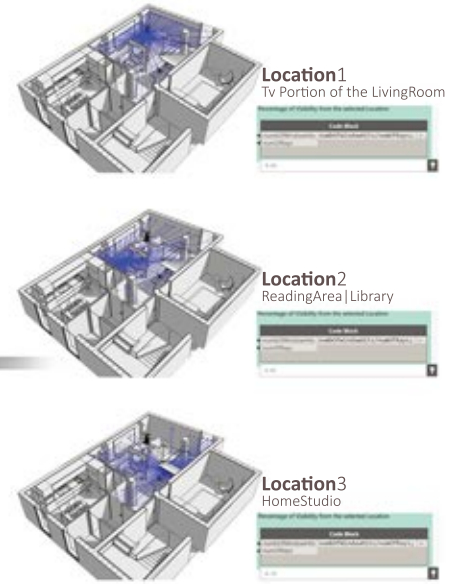
VisibilityAnalysis

Below three different Location are analized to generate the percentage of the visibility that the eye can meet window areas.

Location1
Tv Portion of the LivingRoom

Location2
ReadingArea | Library

Location3
HomeStudio

RoomAreas

Based on their Area value, the geometry is overriten by a preselected color range.

Area by Name

RoomLegend

- **Dining**Room
- **Living**Room
- **Main**Entry
- **Master**Bedroom
- **Restroom** | Shower
- **Restroom** | Toilet

RestroomRoom | Shower
RestroomRoom | Toilet
DiningRoom
MasterBedroom
MainEntry
LivingRoom

ComputationalDesign

ParametricStadium

Everyday challenges are based on OutOfTheBox thinking; Can we make sense out of something that normally wouldn't work?!
Well, this is a proposal for an All Glass-Paneled Stadium which will be a staggering "nude" building rising its head fearless toward uncomon thinking.

ParametricTower

Just thought; What is the most trending thing that I might think of?
The answer is Gold. Everything in Design now seems to happily marry Gold; So, I thought to take it to the next level, by using Gold panels in a randomized pattern that'll wrap the structure with an unnegotiable Premium fashion.

BriefDescription

The main model was conceptualized in a series of sketches to further digitized into data in Autodesk Dynamo Studio.
    The Geometry is a simple one, based on the lofting of 4 curves, but where the importance lies is the relationships whith which all these curves drive one-another's shape with Golden-Ratio calculations which initially start from the dimensions of the fotball pitch.
    Panels and the Structural Trusses are created into Autodesk Revit as Adaptive Component Family and computed with Dynamo for Revit.

ModelDescription

Main geometry is a lofting method between 3 curves; The base is a circle and drives the Y-Radius of the second curve (ellipse), and the rotation angle of the third curve, with a Golden Ratio value. Relations are kept as such with the maniacally-belief that it might create a sub-consciensly pleasure, with its harmony, into the eyes of those who'll stare at it.
Panels are, again, as Revit adaptive components with an instance material parameter, to be further randomized in its placement via a PythonScript into Dynamo for Revit.

ThankYou