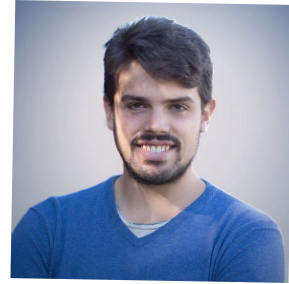


# JUAN AGUSTÍN TIBALDO



## personal information

**Full name:** Juan Agustin Tibaldo  
**Date of birth:** 30 - 09 - 1990  
**Address:** Rue Francois Mitterrand 274,  
Saint-Genis-Pouilly, Ain, 01630, France  
**E-mail:** [juan..tibaldo@ohzi.io](mailto:juan..tibaldo@ohzi.io)  
**Phone number:** +31 6 85275567  
**Skype ID:** agustintibaldo  
**Upwork profile:** <https://bit.ly/3HLeArn>  
(top rated 100% Job Success)

### Education

**Master in Science on  
Computer Science: Big Data  
Engineering, VU/UvA  
Amsterdam, Netherlands,  
2019 - dropout**

Degree in Software Engineering &  
Computer Science 2011-2017, UNLP,  
ARGENTINA. **Thesis:** Opinion mining and  
sentiment analysis over social media  
and possible use in marketing (**March  
2017**) **grades average** 8.29

### Languages

**English:** fluent (CAE B, 199 2017)  
Spanish: native  
Chinese: basic+ (HSK3, HSKK1)  
Swedish: basic  
French: basic  
Italian: basic

## main skills

THREE.JS  
WEBGL  
GLSL  
JAVASCRIPT  
HTML5  
BabylonJS

## additional skills

Node, 3d models, GLSL,  
data scraping, WebSockets, CUDA,  
optimisation, Typescript,  
Object-oriented programming, git,  
management, Trello, Asana,  
GoodDay, spreadsheeting

## hobbies and Interests

- Photography: Helps me develop an eye for detail, creativity, and an understanding of composition and lighting.  
<https://500px.com/tinotibaldo>
- Traveling: has allowed me to enhance my cultural awareness, adaptability, and teamwork.
- Drawing: Helps me to... ok this is just for fun.
- Sailing, Cycling, Running: Builds discipline, determination, and teamwork.
- Reddit, Music, and YouTube: I am passionate about learning, technology, and staying up-to-date with current events and trends.

## Current position:

Director at OHZI interactive

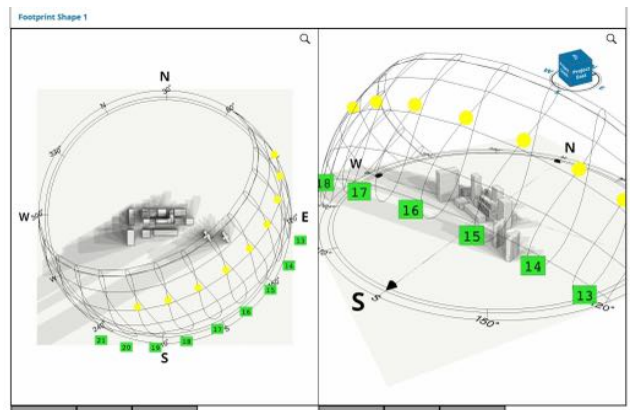
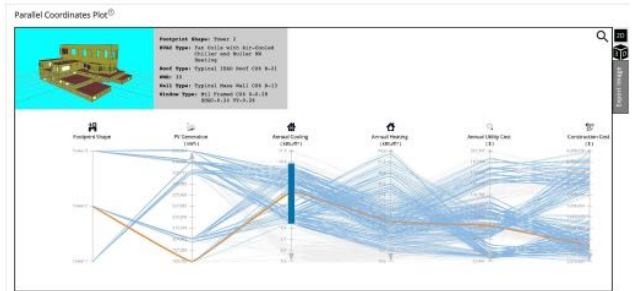
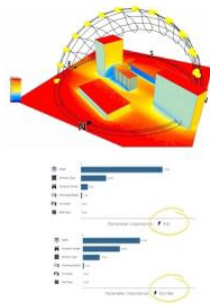
OHZI Interactive a digital agency specialising in creating interactive 3D websites. Our experts use the latest technology to deliver immersive, engaging experiences that captivate users and leave a lasting impression. We offer various services, including product visualisation, virtual tours, and gamified and satisfying web experiences. Whether you're a startup or an established brand, we can help you achieve your goals and stand out from the competition. Visit our website at <https://ohzi.io> to learn more about our services. I co-founded OHZI in 2019 in Argentina, but in 2021 it has been moved to Andorra.

<https://ohzi.io>

## SPEED - Perkins+Will - USA

Evaluate building sustainability with precision using SPEED. This tool uses WebGL for accessible data visualization, delivering valuable information for informed decision-making for building constructors and designers..

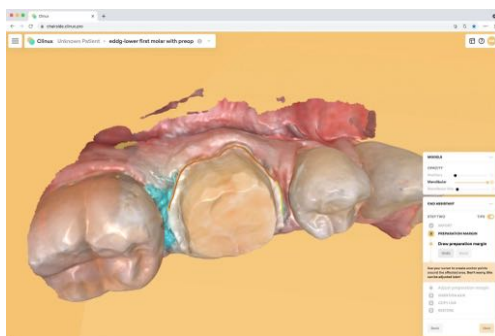
<https://speed.perkinswill.com/>



## Clinux - CAD-RAY - Germany

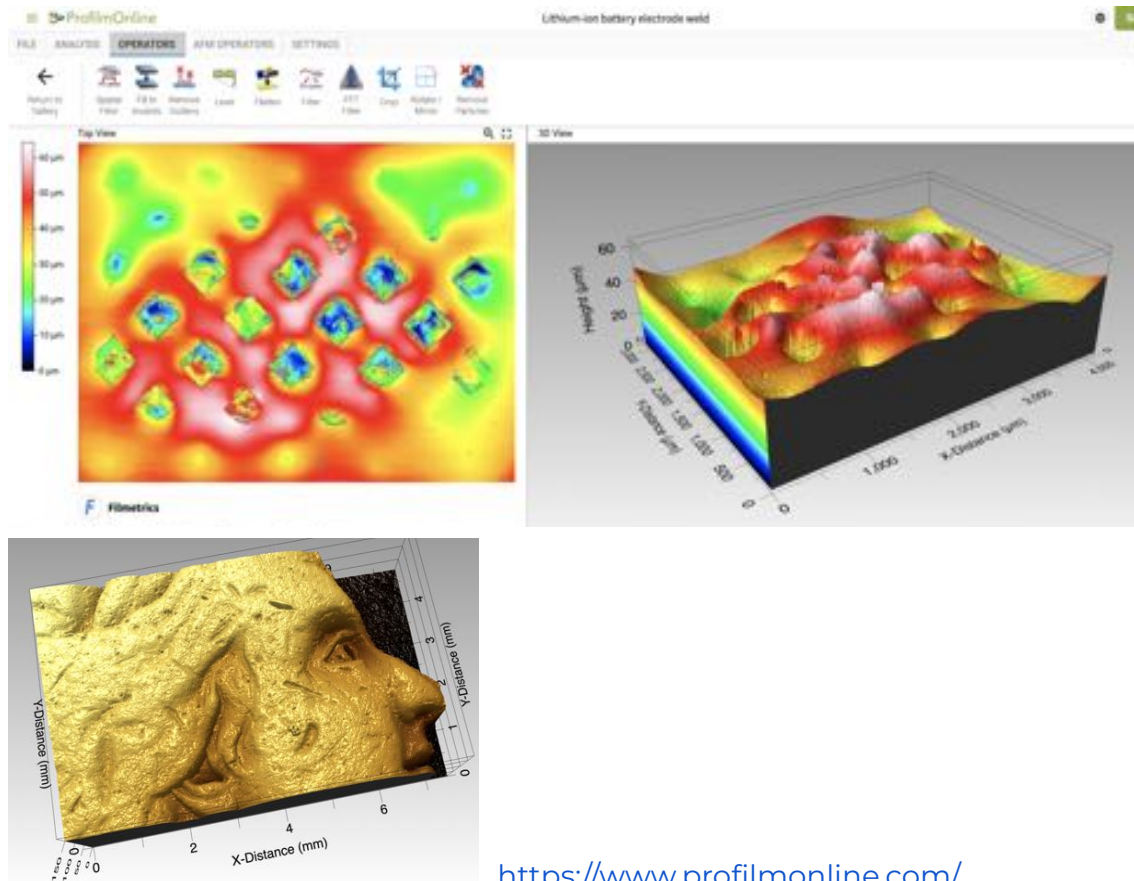
is A cloud-based Dentist CAD Software developed in Typescript, React and Babylonjs. Here I designed and developed the architecture and a large part of the WebGL features, including the implementation of certain techniques specified on papers.

<https://www.clinux.pro/>



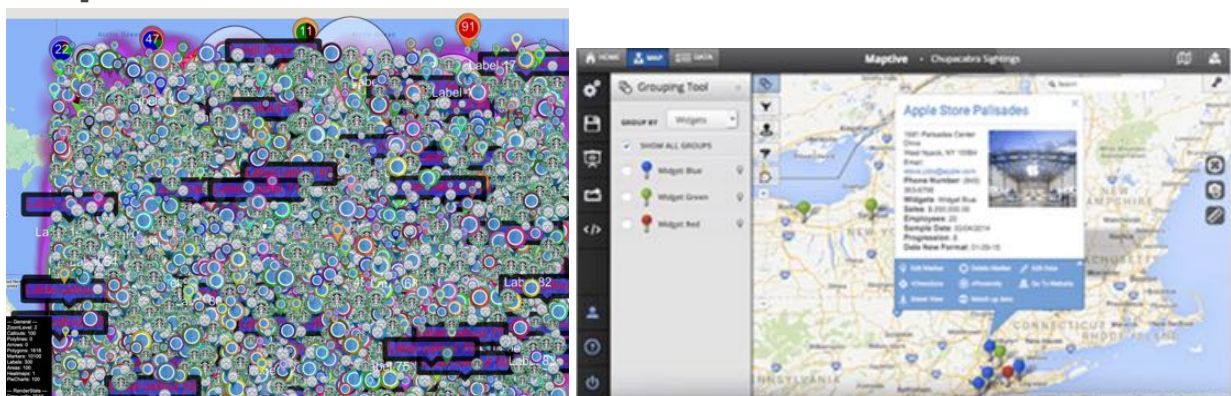
## ProfilmOnline - Filmetrics - US

Get accurate and efficient microelectronic analysis with ProfilmOnline. This online viewer offers real-time rendering and measurement for microscope images, allowing you to analyze various features with ease. Collaborate with others by sharing your findings with colleagues, clients, and contractors. Upgrade your microelectronic analysis now!



<https://www.profilmonline.com/>

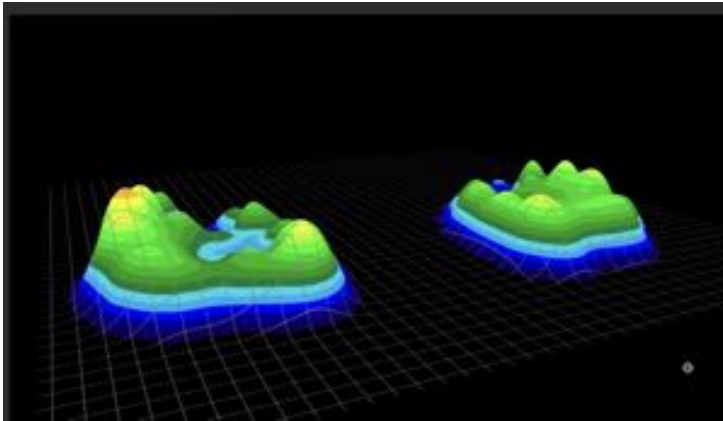
## Maptive - US



<https://www.maptive.com/> - [YouTube link](#)

Track objects with ease using this state-of-the-art mapping application. With WebGL and optimized technology, we bring you the ability to display millions of objects, creating an array of shapes to clearly indicate objects on the map.

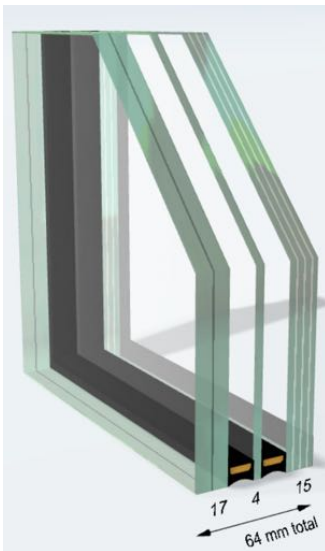
## Medical real-time data visualisation - Germany



[YouTube Link](#)

Experience real-time data rendering like never before with this innovative application. Utilizing WebSocket, the app reads and smooths binary data through bicubic interpolation, then displaces and paints a mesh for a dynamic and accurate representation.

## CDR-Glas - Swiss



<https://cdr-glas.ohzi.io/>

Experience seamless glass selection with this innovative application. Easily view and filter configurations based on multiple parameters, then choose the perfect one and visualize key details in real time.



## AR viewer - Garden Connect

Transform your home decor vision into reality with this innovative AR app. Our team utilized the Model Viewer library to develop an application that lets you preview plants and garden elements in your own space. Mix and match multiple options in AR to discover the perfect combination for your home. Try it out and bring your gardening dreams to life!



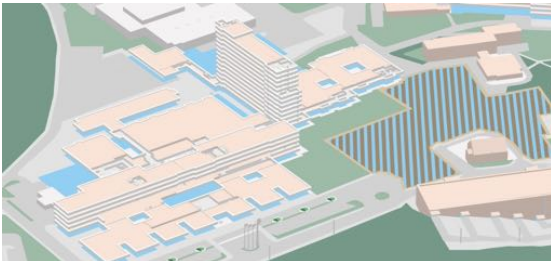
Scan the QR code with your mobile phone to open the model



[https://models.gardenconnect.com/?custid=123&model=plant&show\\_preview=true](https://models.gardenconnect.com/?custid=123&model=plant&show_preview=true)

## Pathfinder - Media Vision Group - Sweden

An interactive pathfinding tool entirely built using WebGL + React GUI.



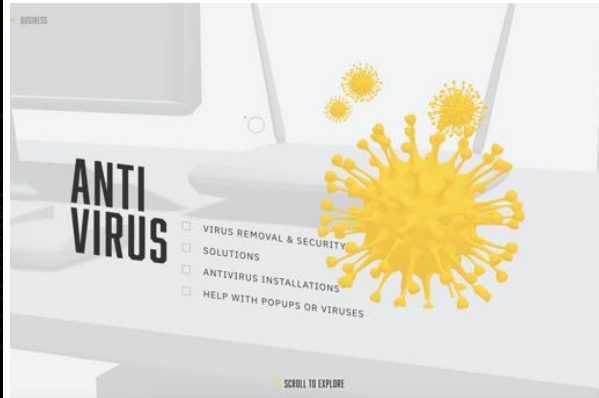
A flexible solution for finding stores or spaces within a building, providing accurate directions. It has been implemented successfully in hospitals and shopping malls across Scandinavia.

[www.mediavisiongroup.se/](http://www.mediavisiongroup.se/)



## Eugenius landing page - Seattle

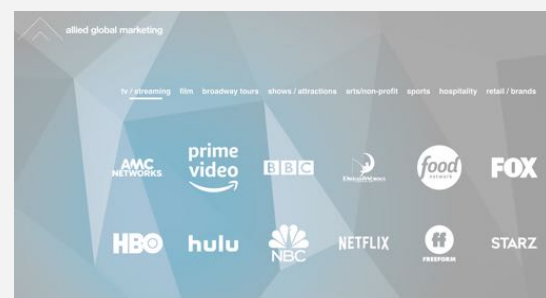
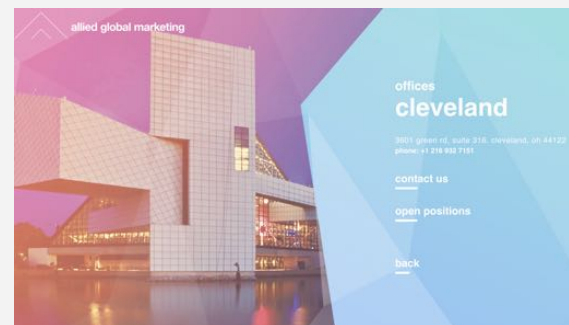
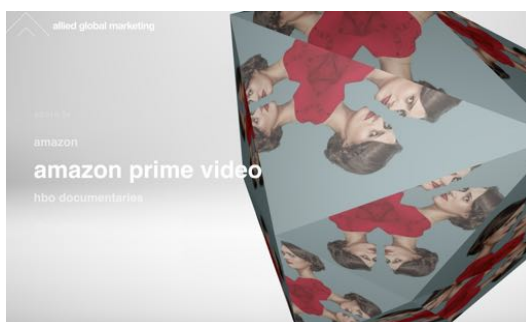
An immersive web experience that explores Eugenius and its services. Journey through offices and servers, see inside hardware, and learn the story of Eugenius.



<https://www.eugenius.com/experiential>

## Allied Global Marketing - USA

An innovative web experience that introduces the story of Allied Global Marketing. It's an exciting interactive experience where the AGM experience is told through a polygon that guides you into the different web sections.



<https://alliedglobalmarketing.com/>

## Voodoo Creative - Australia

A particle animation featuring a wave simulation and bird flying simulation. The animation morphs into different shapes and the birds follow the user's input, making for a unique and interactive experience.



<https://particles.ohzi.io/>

## Sun power - global

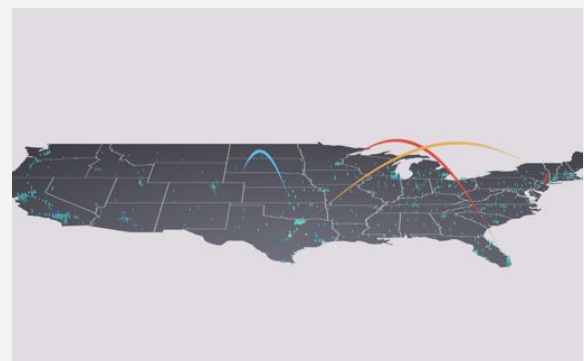
A 3D earth model showing Sun Power facilities with a rotating animation for added visual appeal. Highlighted locations emphasize the company's presence across the globe.



<https://tibaldo.neocities.org/sunpower/>

## Digitaldelivery - US

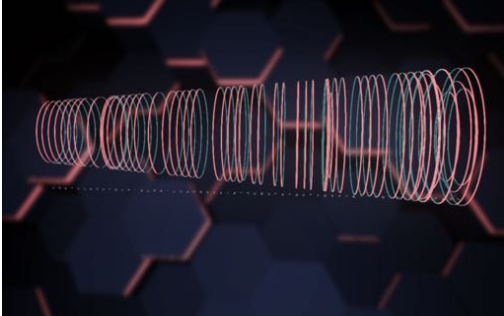
A visual animation showcasing Digitaldelivery's delivery process across the USA, demonstrating the efficient and seamless document delivery service offered by the company.



<http://digitaldelivery.tech/>



## Experiment 6 - Reusable

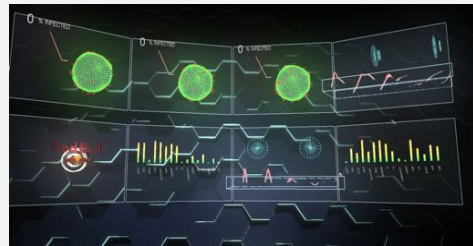


Brunch modules user on sorting algorithm

Link under maintenance

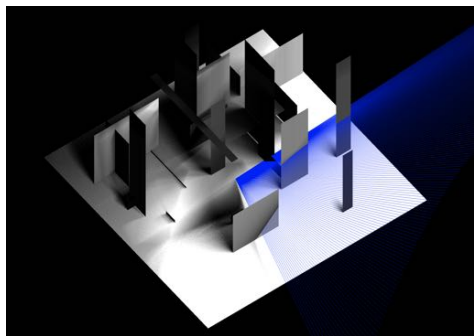
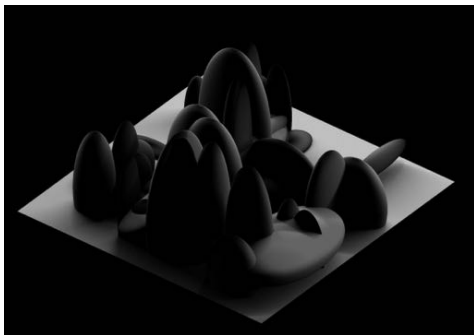
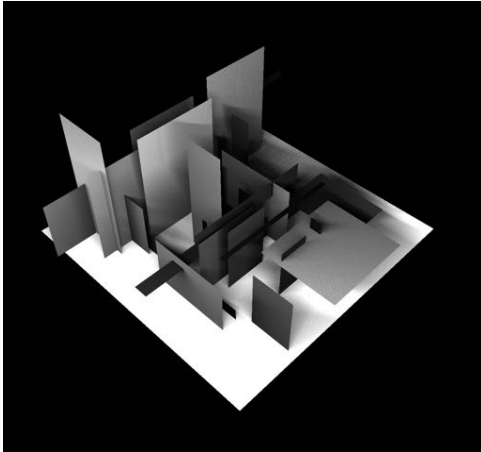
## Experiment 4 - Advance UI

Experimental advanced UI with multiple visualizations and exploration tools for information. Offers dynamic and interactive display of data through visual representations. Empowers users to explore, analyze and gain insights from the information in a more intuitive and efficient way.



<https://redbull.ohzi.io/>

## Experiment 7 - Unlimited light sources baked for THREEJS



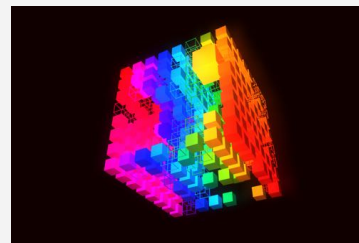
A small project for baking multiple shadow maps into textures, as Threejs only permit 16 light sources into the same scene. This technique allows an unlimited amount of light to cast shadows. Once the shadows are backed into the textures, there's no need for rendering lights any more, which means no extra GPU usage.

## IOHK - distributed (UK, US, China, Japan)



Cascading disruption - Animation displays network states to explain blockchain workings.

<https://iohk.io/>



A 3D game of life simulation, where complex shapes are generated through

pseudo-random interactions, similar to the classic game of life. The animation showcases these evolving shapes in a visually stunning manner

<https://tibaldo.neocities.org/iohk2>

2016

## Keeper Furniture - Estonia

A shelf customise plugin for a furniture e-commerce website.



<https://tibaldo.neocities.org/shelf-customizator>

Featuring  
YOUR  
PROJECT  
here  
;) )

### Experiment 5 - Iconic chair

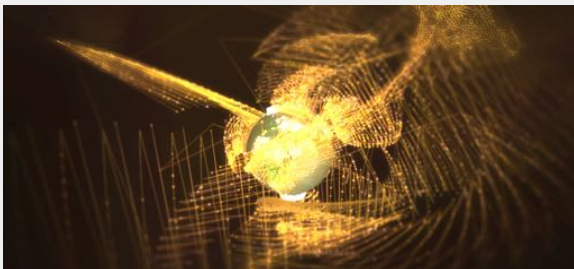
A realistic scene creation project using PBR with accurate textures and shaders.



<https://tibaldo.neocities.org/chair>

### Experiment 1 - GOLD

Golden particle animation around Earth inspired by sun rays and electromagnetic particles.



<https://tibaldo.neocities.org/fumafaso.html>

### GENI Design - USA - POC

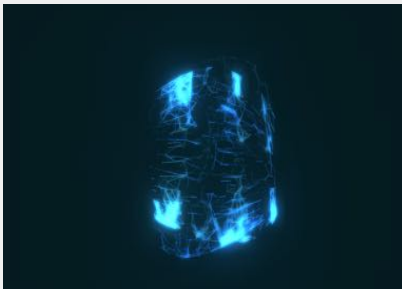


3d globe with markers loaded on the fly

<https://tibaldo.neocities.org/dest.html>

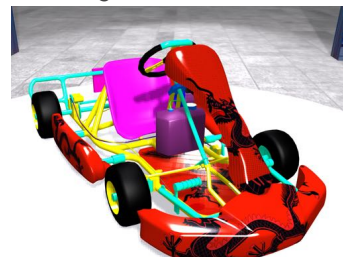
### Experiment 2 - Reduris

An interactive animation of blue particles fading away, forming network shapes through combination.



<https://tibaldo.neocities.org/reduris.html>

### Create My Case - UK - POC



A go-kart customization tool allowing users to change the colour and texture of their kart.

<https://tibaldo.neocities.org/gokart.html>

Experiment 3 - Landscape -  
Creative 3D terrain with ThreeJS  
lights, a fun experience with  
dynamic light and terrain  
generation.



<https://tibaldo.neocities.org/landscape.html>

2016

## GCEL MEA - Lebanon - POC

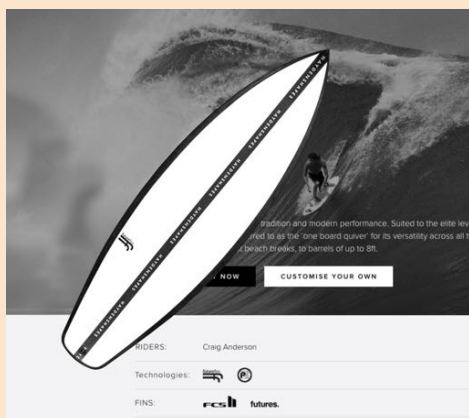


An interactive globe showing images and  
videos of GCEL.

No preview available

## Hayden Shapes - Australia

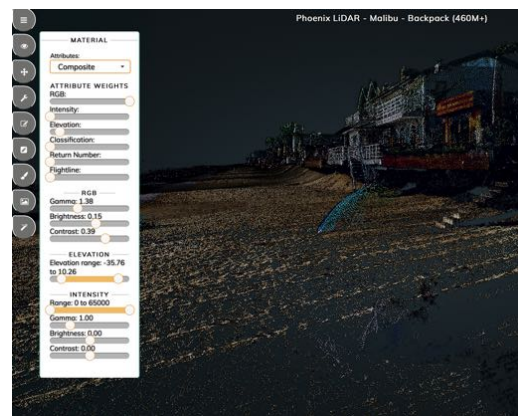
Enjoy an effortless viewing experience  
with our automatic rotation system for  
3D model displays.



<https://www.haydenshapes.com/>

## PhoenixLidar - US

Experience seamless navigation with our  
custom CSS + JavaScript menu, specially  
designed for PhoenixLidar's Potree  
version.



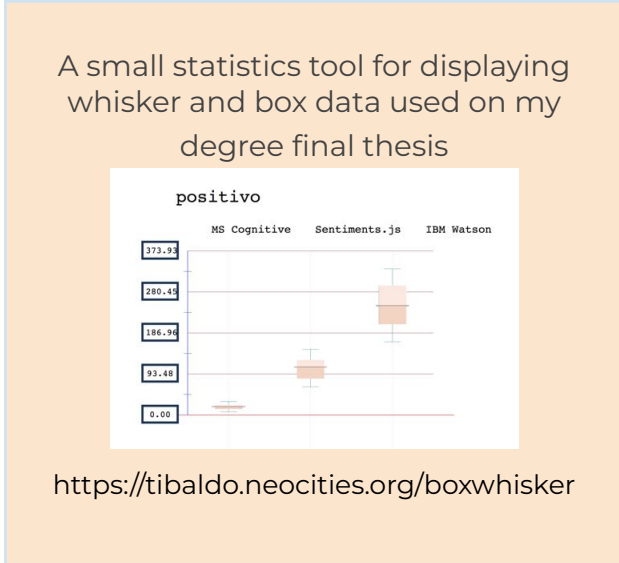
<https://www.phoenixlidar.com>

A small statistics tool for displaying whisker and box data used on my degree final thesis

The box plot, titled "positivo", displays the distribution of sentiment scores for three tools: MS Cognitive, Sentiments.js, and IBM Watson. The y-axis represents the score, ranging from 0.00 to 373.95. MS Cognitive shows a very low median score near 0. Sentiments.js has a median score of approximately 93.48. IBM Watson has the highest median score, around 280.45. The plot includes whiskers extending to the minimum and maximum values, and boxes representing the interquartile range and median.

Tool	Min	Q1	Median	Q3	Max
MS Cognitive	0.00	0.00	~0.00	~10.00	~20.00
Sentiments.js	~40.00	~70.00	93.48	~110.00	~140.00
IBM Watson	~180.00	~240.00	280.45	~320.00	~350.00

<https://tibaldo.neocities.org/boxwhisker>



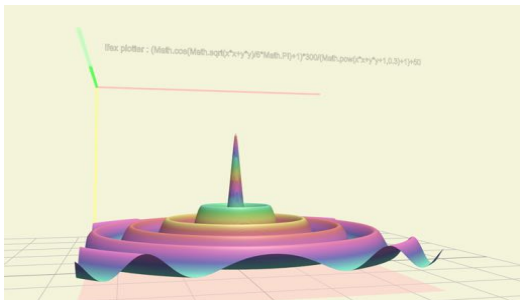
A small statistics tool for displaying  
whisker and box data used on my  
degree final thesis

The box plot, titled "positivo", displays the distribution of results for three tools: MS Cognitive, Sentiments.js, and IBM Watson. The y-axis represents values ranging from 0.00 to 373.95. MS Cognitive shows a very low median and narrow spread. Sentiments.js shows a higher median and more spread. IBM Watson shows the highest median and the most spread, with several outliers indicated by small circles.

Tool	Min	Q1	Median	Q3	Max
MS Cognitive	0.00	0.00	~1.00	~10.00	~20.00
Sentiments.js	~60.00	~80.00	~93.48	~110.00	~140.00
IBM Watson	~150.00	~250.00	~280.45	~320.00	~350.00

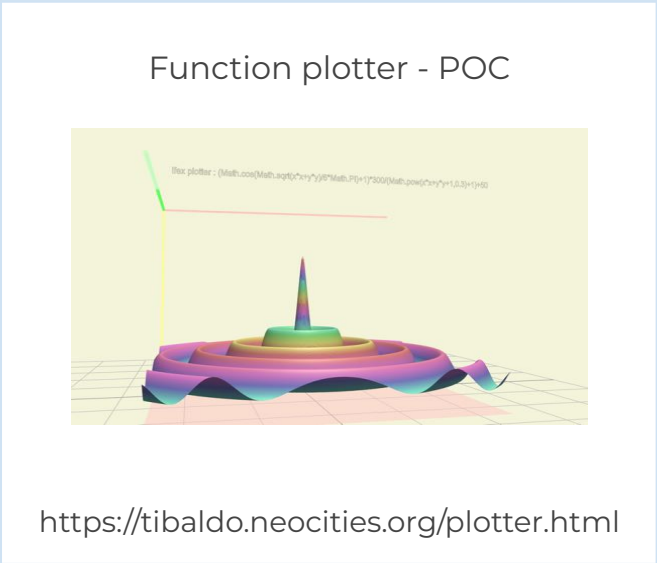
<https://tibaldo.neocities.org/boxwhisker>

# Function plotter - POC

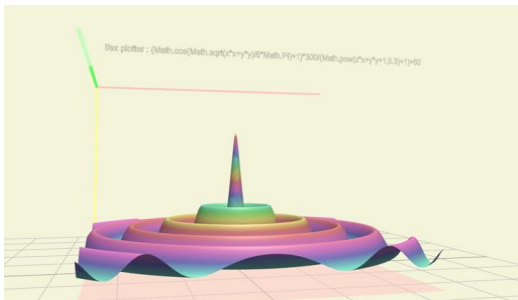


http://math.cos/math.scrib.com/yjs/math.P(x+1)^200/math.pow(x^2+y^2+1,0.3)+1/50

<https://tibaldo.neocities.org/plotter.html>



# Function plotter - POC




Max plotter : (Math.cos(Math.sqrt(x\*x+y\*y)))\*Math.PI\*(1+17\*200\*Math.pow(Math.cos(Math.sqrt(x\*x+y\*y)),1.53)+1)\*52

<https://tibaldo.neocities.org/plotter.html>

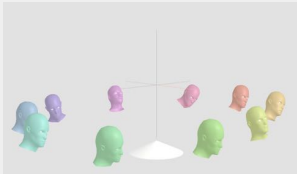
# Redshire Boulevards Inc: - USA

## 3d words cloud



<https://tibaldo.neocities.org/wordcloud.html>


## Head picker



<https://tibaldo.neocities.org/head-2.html>

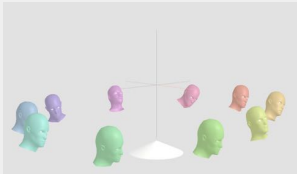
# Redshire Boulevards Inc: - USA

## 3d words cloud

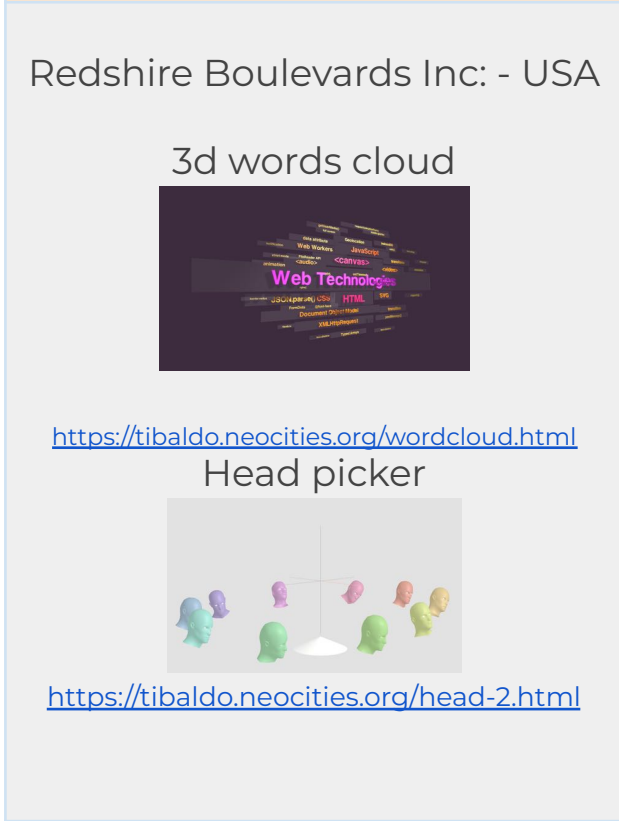


<https://tibaldo.neocities.org/wordcloud.html>

## Head picker




<https://tibaldo.neocities.org/head-2.html>



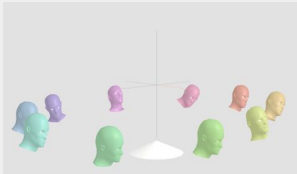
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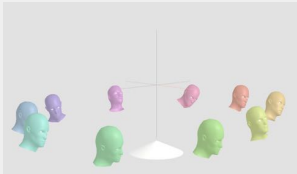
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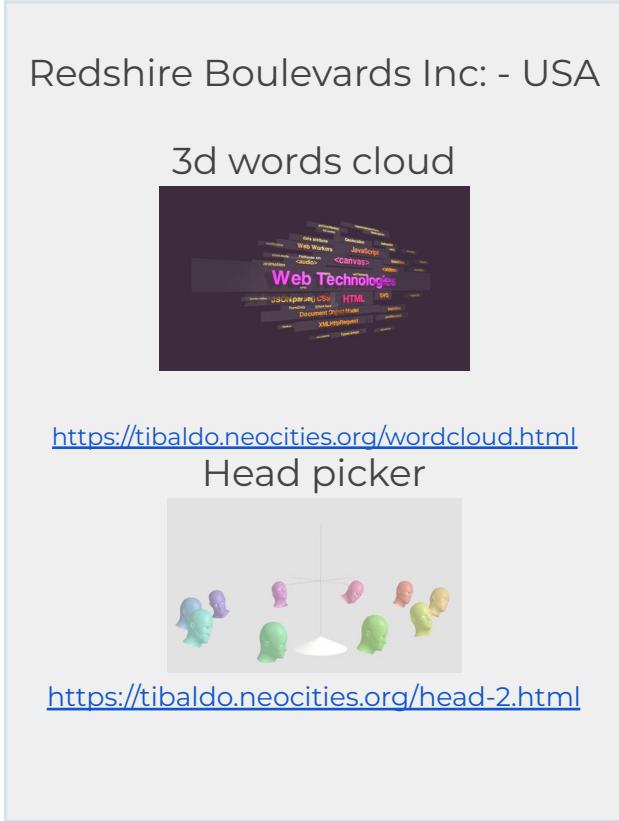


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## Head picker




<https://tibaldo.neocities.org/head-2.html>



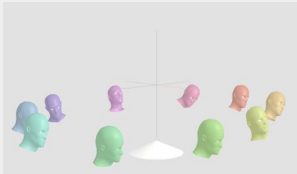
# Redshire Boulevards Inc: - USA

## 3d words cloud



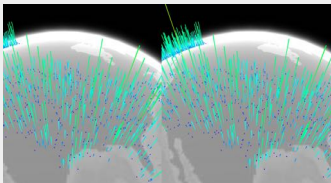
<https://tibaldo.neocities.org/wordcloud.html>

## Head picker




<https://tibaldo.neocities.org/head-2.html>

# Double globe with data - POC

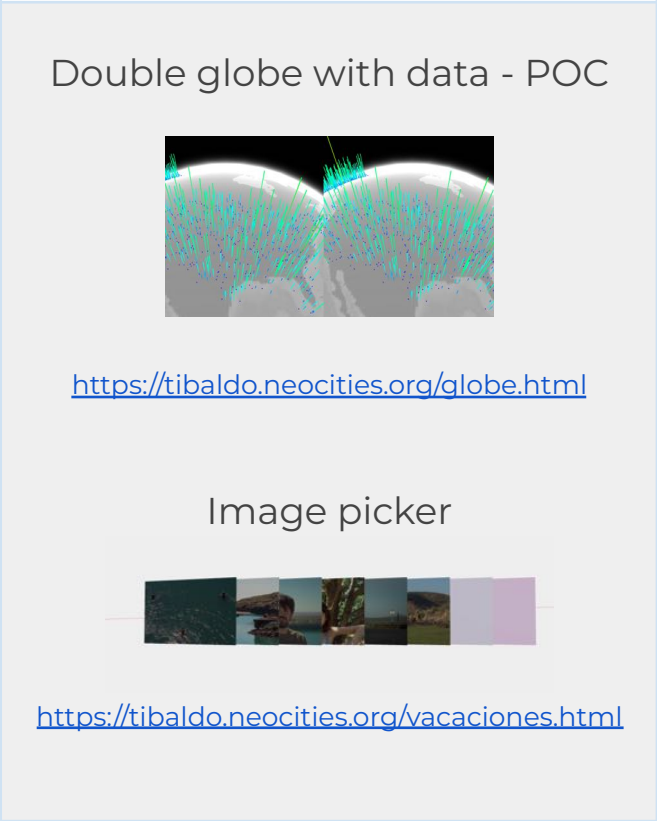


<https://tibaldo.neocities.org/globe.html>

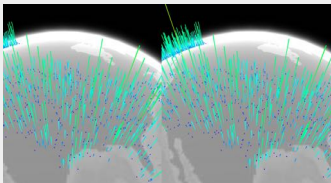
## Image picker



<https://tibaldo.neocities.org/vacaciones.html>




# Double globe with data - POC



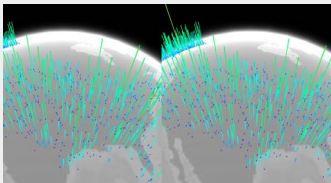
<https://tibaldo.neocities.org/globe.html>

## Image picker




<https://tibaldo.neocities.org/vacaciones.html>

# Double globe with data - POC

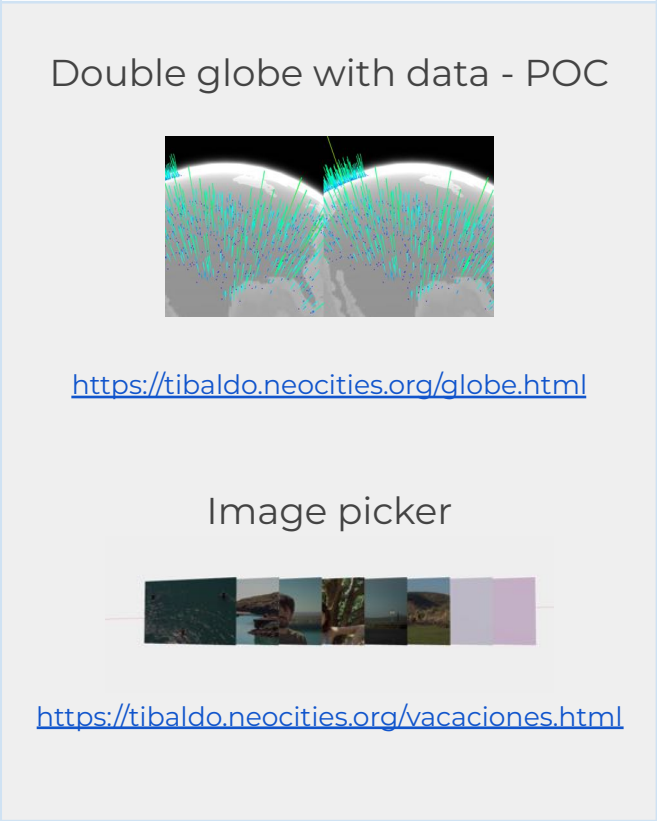


<https://tibaldo.neocities.org/globe.html>

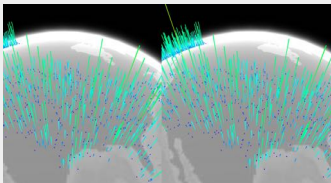
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# Double globe with data - POC



<https://tibaldo.neocities.org/globe.html>

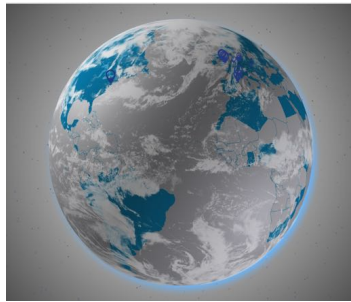
## Image picker



<https://tibaldo.neocities.org/vacaciones.html>



Sanjay Shah - UK - POC

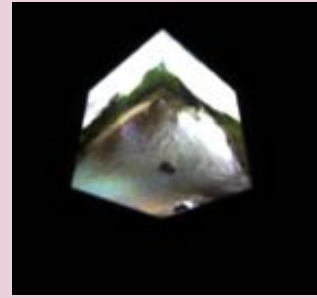


3d globe with interactive markers

<https://tibaldo.neocities.org/destination.html>

2016

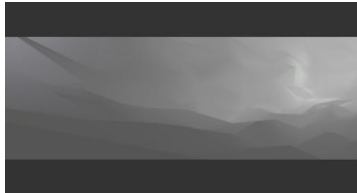
Onlinelib GmbH - Germany



Immerse yourself in 360-degree views with our cube map 3x2 video viewer. - 2017

No preview

Treefrog - Canada



A mesmerizing moving background

<https://tibaldo.neocities.org/index.html>

2016

De Zhou witmoon Software - China

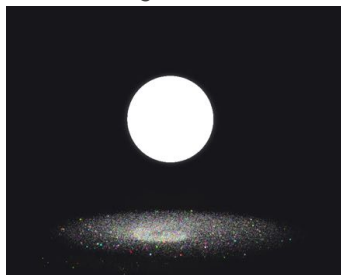


-

custom blue print3d

2016

Mic's Lab Pty Ltd - Australia



Discover colour galaxies through interactive socket technology.

<https://tibaldo.neocities.org/anim7.html>

2016

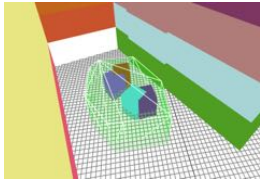
ClosetPro Software - USA

Experience improved graphics with my work on optimizations, new shaders, materials, and lighting enhancements

2016

No preview

### Veselin Dzhezhev - Austria



Experience a dynamic dome viewing experience with our adaptable

dome viewer. With the ability to automatically adjust to contain random elements, enjoy a seamless and unique viewing experience every time.

2016

### SVG 3d transitions - Mohammad Ahmad



Transform your HTML documents with ease using our

document transition solution. Convert from SVG to 3D mesh for a dynamic and visually appealing representation of your content.

<https://tibaldo.neocities.org/anim3.html>

2016

### Geopast - Australia

Uncover valuable information with our data collection from Trove Australia. Our team classified the data to identify postal mail with no copyright for potential use in printing and sealing. Get access to valuable insights now.

2016

Project RZ - We created a tool to scrape real estate data with ease using a node-based solution. We collect information from the most popular search engines, Zoopla and Rightmove, through their APIs and screen scraping.

Stay up-to-date with daily updates on local data, allowing for seamless real estate inquiries.

2016

catch me at skype [agustintibaldo](#) or by email to

[juan.tibaldo@ohzi.io](mailto:juan.tibaldo@ohzi.io)