Christian Dimitri

Spain, Barcelona

Architect, Parametric specialist

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✳ Skills

Complex 3D Modelling

Computational Design

Conceptual Design

Algorithmic Strategy

Architecture & Urban Planning

Consultancy

Rendering

Object Oriented Programming

Awards

Morpheus
Cup 2018

🎓 Education

Masters of parametric design in architecture

September 2018

Universitat Politècnica de Catalunya - www.upc.edu - Spain

Masters thesis research paper related to the rationalization of "Planar Quad Meshes" in free-form architecture.

Masters in architecture

June 2016

Holy Spirit University Of Kaslik - www.usek.edu.lb - Lebanon

Masters thesis in urban design and public stadium conversion to a sports hub

Bachelor of sciences in architectural studies

June 2014

Holy Spirit University Of Kaslik - www.usek.edu.lb - Lebanon

Lebanese baccalaureate II in Socio-Economics

June 2009

Collège des Saints Coeurs - www.kfarhbab.sscc.edu.lb - Lebanon

📚 Publications

Ratoi, L. (2017, November). ARTE ROBOTICA V.01. *"Inspirationist"*, www.inspirationist.net/arte-robotica-v-01-computational-robotic-painting-workshop-by-designmorphine-results/

🧰 Additional Experience

Generative Design Workshop
Autodesk - www.autodesk.com/solutions/generative-design/manufacturing - Spain

July 2018

Learned the process and the different parameters of generative design using Autodesk Fusion 360.

ARTE ROBOTICA V.01: Computational Robotic Painting WORKSHOP
DESIGNMORPHINE - www.designmorphine.org/workshop/past/arte-robotica-v1 - France

October 2017

In the heart of Paris at WoMa fab lab, we learned the process of Dadaist concepts. Our project called "Insection", selected as the best project, designed by my team and I, has been generated computationally using grasshopper3D and painted with an ABB industrual robot arm.

Biomimicry Workshop: Designs Inspired by Nature
Parallel Studio - www.facebook.com/events/1616875405297123 - Lebanon

June 2016

Learned the process of the adaptibility of the nature systems and mimic it through intervening on society and architecture.

Workshop in Cluster Development Initiative: Design, Arts & Crafts Showcase
Public Interest Design Levant - www.facebook.com/PIDLevant - Lebanon

April 2016

Designing, prototyping, and digitally fabricating concepts for tabletop objects to enhance everyday life.

✳ Software Skills

Grasshopper3d

AutoCAD

Adobe Photoshop

Revit BIM

Adobe Illustrator

Autodesk 3Dmax

Rhinoceros

InDesign

Microsoft Office

Python/C#

WebDesign

🌐 Languages

Arabic: Native

French: Advanced

English: Advanced

Spanish: Elementary

👤 Hobbies

💼 Work Experience

Architect and 3D Visualizer
Freelance architect - Barcelona

📅 June 2019

3D rendering and modelling of the spaces and the list of furniture ant the mood proposed by the designer to the client.

Computational designer internship
Noumena - www.noumena.io - Barcelona

📅 February 2019 - April 2019

Collaboration on a series of digital fabrication projects. Digitalized using grasshopper3d and executed using 3d printers.

Furniture designer
NERINEA Essence Natural Stones - www.nerinea.com - Spain

📅 November 2018 - December 2018

Design of a free-from surface Lavabo composed by marble stone, you can always find the project in my Portfolio.

Architect, 3D specialist
Building Reality - www.building-reality.com - France

📅 January 2018 - October 2018

Collaboration with the software developers and the founders of the french start-up that offers prototype services of buildings and renovating real estate through virtual reality experience. The project obtained first price in the Morpheus Cup 2018 ine the Real Estate division.

Manufacturing and design internship
Marbres de France - www.marbres-de-france.fr - France

📅 September 2016 - November 2016

Worked as a conceptual designer using 3D studio max and as a manufacturing assistant using a 3D scanner and a KUKA Robot to replicate sculptural designs.
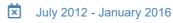
Junior architect / 3D visualizer
Blank Workshop - www.blankworkshop.com - Lebanon

📅 June 2013 - August 2015

Participation in several design proposal projects for retail and interior spaces. Coordinating with the clients, and providing 3D renders using 3D studio max and technical drawings using Autocad.

Junior architect
SLB Architects - Lebanon

📅 July 2012 - January 2016

Worked as a technical architect and a junior undergraduate architect in the reconversion of traditional Lebanese houses, by providing all the necessary documents planned by the architect and managing the needed site visits.

Internship
Youssef Tohme Architects and Associates - www.ytaa.co - Lebanon

📅 May 2012 - July 2012

Participated in the model making of the winning proposal for the urban design of the city Bordeaux-Bastide. Wall sections details drawings using Autocad.

Internship
Platea - www.plateaonline.com - Lebanon

📅 June 2010 - September 2010

On hand Undergraduate architect internship both theoretical and practical with a final report covering all the aspects I was exposed to.