Mathieu VENOT

Architect, M.Arch
Co-founder, DixieVR
Born September 30, 1990

9 Rue Edouard Manet   +336.79.33.64.10
75013 Paris FRANCE   mat.venot@gmail.com

mathieuvenot.com

Education

Master's degree of Architecture {MArch} - Magna Cum Laude   *2016*
Ecole Nationale Supérieure d'Architecture de Paris Malaquais (Paris [75006])
- Digital Knowledge department, with the Arts & Métiers ParisTech (Paris [75013])
Materials & Additive Manufacturing module

Baccalaureat Scientifique, Earth & Life Sciences speciality {Bac S, SVT}   *2008*
Lycée François 1er (Fontainebleau [77300])

Experience

Co-founder / DixieVR (Paris [75010 - 75013])   *October 2015 -*
Immersive Multi-User Simulation for Architectural Conception   *Actual*

Freelancer / Mathieu Venot (Paris [75013])   *May 2013 -*
3D Design, 3D Printing, 3D Scanning, Digital Teaching, Rendering, Web Design   *Actual*

Studio Tutor / Arts & Métiers ParisTech (Paris [75013]) - **ENSCI Les Ateliers** (Paris [75011])   *October -*
Tutoring on the "XXL 3D Printing" research studio   *December 2016*

Workshop Leader / Advances in Architectural Geometry (Zurich [CH])   *September 2016*
Leading the "Multi-User Cobotics Simulation in VR applied construction" workshop

Workshop Tutor / Paris-Malaquais University of Architecture (Paris [75006]) *September 2013 -*
Tutoring on the back to school and inter-semester workshops   *September 2016*

Intern / leFabShop (Paris [75011])   *June -*
FabClub workshops & FabShop design studio   *August 2015*

Studio Tutor / Paris-Malaquais University of Architecture (Paris [75006])   *February -*
Tutoring on the third year project studio of Digital Knowledge department   *June 2014*

Freelancer / EZCT Architecture & Design Research (Paris [75011])   *December 2013*
Participation on a competition of urban furnishing at Umeda (Osaka [JAPAN])

Intern / EZCT Architecture & Design Research (Paris [75011])   *July 2013*
ArchiLab 2013 exhibition *{FRAC Centre}* (Orléans [45000])

Laser Technician / Paris-Malaquais University of Architecture (Paris [75006]) *February -*
Tutoring and monitoring on the Epilog's laser cutter   *June 2013*

Intern / Port Napoléon's Shipyard (Port-Saint-Louis-du-Rhône [13230])   *July 2011*
Maintenance and repairs on sailboats and speedboats

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Skills

Softwares

CAD/CAM : ArchiCAD, Infraworks, Fusion 360, SolidThinking Inspire (Certified), Rhinoceros - Grasshopper
(HAL, Karamba3D, VisualARQ)
DTP : Adobe CS (Illustrator - InDesign - Photoshop), LaTeX, Markdown
Rendering : Artlantis, Unity3D, Unreal Engine
Scripting : Grasshopper (C# - Python), Processing (Java), Unity3D (C#), Unreal Engine (Blueprint), Web Design
(HTML - CSS), Mathematica
VR : Oculus Rift, Google Cardboard
OS : Mac, Windows, Linux (Debian - Ubuntu)

Digital Fabrication

3D Printing (Dremel Idea Builder, Makerbot Replicator Dual - Replicator 2 - Replicator 2X - Z18,
Stratasys Mojo, 3D Systems Cubify, Ultimaker Original+, Zortrax M200)
3D Scanning (Asus Xtion, Microsoft Kinect, Photogrammetry)
CNC Milling (ShapeOko GRBL, ShopBot Desktop)
DIY (Arduino IDE & Electronics, Raspberry Pi)
Drone Prototyping (DJI F450 | APM)
Industrial Robotics (ABB IRB120 - IRB1600 - IRB6620)
Laser Cutting (Epilog Legend 36EXT, Trotec Speedy 300)

Maritime Short Range Radio Operator Certificate (VHF)
Driving Licence (Car)

Publications

Materials & 3d printing of assembly parts to architectural scale   *September 2016*
Réseau Canopé, Technologie, n° 204 (ISBN 978-2-240-04135-7)

Languages

English (Professional working proficiency) - **French** (Mother tongue)

Interests

CAD/CAM - Computation - Prototyping

Sailing - Windsurfing :
Sailing and convoying on Coco 6.50, Dufour 325, First 35, RM 1050, Cigale 16
(West Indies, Western Europe [Atlantic - Mediterranean Oceans])
Living on a Freycinet river barge

Travels :
One year around the North Atlantic Ocean on a sailboat
(France, Spain, Portugal, Madeira, Canary, Cabo Verde, West Indies, Bermuda, Azores)