



# Mathieu VENOT

29 Chemin des Roches Courteaux  
77810 Thomery FRANCE

+336.79.33.64.10  
mat.venot@gmail.com

Architect, M.Arch  
Co-founder, Dixie Lab  
Born September 30, 1990  
[mathieuvenot.com](http://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 et 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 / Dixie Lab (Paris [75010]) October 2015 - Actual  
Virtual Reality & Digital Architecture
- Freelancer / Mathieu Venot (Paris [75013]) May 2013 - Actual  
3D Design, 3D Printing, 3D Scanning, Digital Teaching, Rendering, Web Design
- Workshop Leader / Architecture School of Paris-Malaquais (Paris [75006]) September 2015 - February 2017  
"Robotic Interactivity", "Algorithm" and "Welcome to Senso/Rezo Museum" workshops
- Studio Tutor / Arts et Métiers ParisTech (Paris [75013]) - ENSCI Les Ateliers (Paris [75011]) October 2016 - January 2017  
"XXL 3D Printing" research studio of ENSCI Les Ateliers
- Workshop Leader / Advances in Architectural Geometry (Zurich [CH]) September 2016  
"Multi-User Cobotics Simulation in VR applied construction" workshop
- Workshop Tutor / Architecture School of Paris-Malaquais (Paris [75006]) September 2013 - September 2016  
Back to school and inter-semester workshops
- Intern / leFabShop (Paris [75011]) June - August 2015  
FabClub workshops & FabShop design studio
- Studio Tutor / Architecture School of Paris-Malaquais (Paris [75006]) February - June 2014  
Third year project studio of Digital Knowledge department
- Freelancer / EZCT Architecture & Design Research (Paris [75011]) December 2013  
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 Tutor / Architecture School of Paris-Malaquais (Paris [75006]) February - June 2013  
Tutoring and monitoring on the Epilog's laser cutter
- 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, Infracore, 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#), 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, Parrot Bebop 2 | 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)

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## Publications

DixieVR : Immersive Multi-User Simulation for Architectural Conception  
Réseau Canopé, Technologie, n° 205 (ISBN 978-2-240-04143-2)

*November 2016*

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

*September 2016*

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## Languages

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

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## Interests

CAD/CAM - Computation - Prototyping

Sailing - Windsurfing :

Sailing and convoying on Coco 6.50, Dufour 325, First 35, RM 1050, Cigale 16  
Living on a Freycinet river barge

Travels :

One year around the North Atlantic Ocean on a sailboat