

# Thomas Barbé

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## Developer / Designer

### Studies and diploma

Superior School of Art and Design in Saint-Etienne

**National Superior Diploma of Plastic Art Studies in the Design department specialized in media and digital practice** (master degree) with honours - 2016/2018

**National Superior Diploma of Plastic Expression** (bachelor degree) with mention - 2012/2016

Preparatory classes for the fine art schools - Atelier de Sèvres, Paris - 2011/2012

**Scientific baccalaureate** specialized in physical-chemistry with mention – 2011

### Professional experiences

Cité du Design - Saint-Etienne, December 2018 / April 2019

**Design, Java development (Processing) and sculptural achievement**  
of a digital, sound and immersive installation  
for the *Biennale Internationale Design Saint-Etienne 2019*

Zoomacom – Digital Mediation Association - Saint-Etienne, November 2018 / July 2019

**Design and C++ development (Arduino) of connected objects** nodemcu-based  
**Java plugin development (Eclipse) for Spigot server**  
**Animation of programming initiation workshops**

Ars Electronica Festival - Linz, May / September 2019

**Design, front-end (P5.js, HTML/CSS) and back-end (Node.js) development of a website** / interconnected terminal oscillator generator (sinoto.fr)

Institut Français - Milano, March 2019

**Design, software development (arduino, puredata) and sculptural achievement**  
of a digital, sound and immersive installation for the *Triennale di Milano 2019*

Villa Saint-Raphael - House for blind people of Lyon, July 2017 / March 2018

**Design and front-end development (P5.js,HTML/CSS) of a website** / interactive sound map

### Skills

#### Languages

Java  
Javascript  
HTML/CSS  
C++  
Python  
Php  
MySQL

#### Softwares

Processing  
Arduino  
Eclipse  
Atom  
Puredata  
Git  
Ableton

#### Illustrator

InDesign  
Photoshop  
Premiere  
Rhinceros  
  
Servers  
  
nodeJS  
Apache

#### Frameworks

P5.js  
  
Other languages  
  
French  
English  
Spanish (school level)