

JEAN-BAPTISTE SIRAUDIN

Creative engineering student

☎ 06 66 66 70 58 @ jean-baptiste.siraudin@polytechnique.edu 🔗 <http://jbsiraudin.github.io/>

EXPERIENCE

Software Engineer

SelfMadeMe Inc

📅 04/2017 - 08/2017 📍 New York

SelfMade provides professional photo editing and social strategy to help grow your social brand.

- Developed a Photoshop HTML Panel connected to the SelfMade online platform to enhance the workflow of image editors
- Developed +10 Photoshop scripts to speed up the workflow of image editors
- Directed 3 motion design videos, used for communication with clients

Creative Software Engineer

GoPro

📅 06/2016 - 08/2016 📍 Paris, France

GoPro Pigalle Team (previously Stupeflix) focuses on the development of the editing mobile app Quik.

- Designed improvements and optimisations for the themes
- Prototyped and designed one new theme "Lapse"
- Developed +10 OpenGL shader experimentations
- Animated and designed UI/UX experimentations for two future features of the app

Producer & director

Journal Télévisé de l'X

📅 10/2015 - 11/2016 📍 Palaiseau, France

JTX is the Ecole Polytechnique's student videoproduction group.

- Producer & manager for the activities of the 25 members of the group
- Organized 5 projections of 2 hours gathering more than 1000 people to show the shorts produced
- Wrote and directed more than 1-hour of short movies or musical montage

PROJECTS

KelvinLets & BRDF Mip-Mapping experiments

📅 09/2018 - 06/2019 📍 Telecom-Paristech

C++ implementations and experiments around two CG research papers

- Implementation of Real-Time Linear BRDF Mip-Mapping (Xu et al.) in a custom OpenGL3 engine
- Experiment around the adaptation of the Pixar's KelvinLets for animating mesh deformations, initially for designing a vortex effect

Scinéma

📅 11/2016 - Ongoing 📍 Palaiseau, France

Scinéma is an awarded Youtube Channel dedicated to science popularization through the lens of movies.

- +25000 subscribers and more than 300 000 views on the channel
- Wrote, edited and directed 11 videos

The Shape of Movies

The Shape of Movies is a website enabling real-time data viz on the colors of movies

- Developed the analysis algorithm in OpenCV and the website in Javascript
- More than 100 movies analysed and uploaded to the platform

🔗 theshapeofmovies.com

HONORS



Outstanding Investment

Delivered by Ecole Polytechnique for my work as president of JTX



Frames Festival 2018 Video Award

Won the "Science popularization" award as part of the competition opened for small YouTube channels during the Frames Festival

LANGUAGES

French	Native	
English	Proficient	
Spanish	Beginner	

SKILLS

Design & vidéo

Editing VFX Photography

Programming

Javascript Python C++

EDUCATION

Computer graphics major

Telecom-Paristech

📅 09/2018 - Ongoing 📍 Paris

Entrepreneurship major

Ecole Polytechnique

📅 10/2014 - Ongoing

PASSIONS



Sport

Rugby player and sailor



Cinema&Theatre

Amateur actor and director