



# Guillaume LORANCHET

**Age:** 22 years old (born on June 20th 1999)

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**Portfolio:** <https://guillaume-loranchet-portfolio.web.app>

Graduated from the *Artificial Intelligence and advanced Visual Computing* master of Ecole Polytechnique, I am looking for a **developer or researcher position related to audiovisual applications of AI** (animation, VFX, video-games...)

## SKILLS

**- Computer languages :**

Python, C++, C#, JavaScript, C, Prolog

**- Librairies :** OpenCV, Libigl, Numpy, PyTorch, TensorFlow, Scikit-Learn

**- Adobe suite** (Premiere Pro, Photoshop, Lightroom...)

**- Others :** Github, Unity, Blender, LaTeX, Qt...

**- Knowledge in :** Computer Graphics / Animation / Vision, VR, IA, GANs, RL

**English :** C2 level

**Spanish :** B1 level

## STUDIES

**2020 – 2022**

Ecole Polytechnique - **MScT**

*Artificial Intelligence & advanced Visual Computing*

**2017 – 2020**

Ecole Polytechnique - **Bachelor of Science**

*Mathematic & Computer Science Double Major*

**2017**

Ecole Massillon - **BAC S** (Mathematics Major) *Mention Très Bien*

## COMPUTER SCIENCE PROJECTS

**Galileo's Atelier :** Game made in Unity (C#) during a GameJam at Ecole Polytechnique

**Interactive annotation on digital documents :** Project at INRIA that aims at facilitating and optimizing annotations on digital documents

**Merci Pour L'invit :** Creation of a website for a charity (Winner of solidaré hackathon at Ecole Polytechnique)

**Connect 4:** Game made with Python (Pygame) using an Artificial

## PROFESSIONAL EXPERIENCE

**June – November 2022**  
(5 months)

Meta Reality Labs (San Francisco): Research and development internship, exploration of 3D facial editing technics with GANs

**April - July 2021**  
(4 months)

MacGuff: Research and development internship related to the creation and modification of faces using AI tools (GAN) (VFX of "Hotel du temps")

**January - March 2020**  
(3 months)

Internship in the Geometric & Visual Computing research team at LIX: animation and modeling of a 3D animal, based on a single herd image

## AREA OF INTEREST

**Sports:** Basketball (Part of the Ecole Polytechnique's team), Fencing (foil, 9 years of competition: National team championship), Football, Running

**Music :** Viola (9 years in a music conservatory, symphonic orchestra), Piano, Compositions, Rap

**Others:** Cinema / Animation (cinophile, director of short films), Photography (Timelapses), Music (Animation of a musical podcast), Sport (NBA), Computer science (Codingame)