

# Charlotte PHILIBERT

## Objective

Computer engineering student at EPITA, specialized in image synthesis, I have a particular interest in video games, animated films and serious games. I am looking for a 6-month end-of-study internship starting in February 2024 in the field of image synthesis.

## IT projects

### • C++ : Catmull-Clark subdivision surface

3rd year at Epita

Recursive implementation of the algorithm for image synthesis project

### • OpenGL : My Tiny Town

3rd year at Epita

Design software for building your own city



### • C# : Casual mobile game

Personal project

Game prototype (3 levels) made on Unity in 5 days



### • C# : Video game

1st year at Epita

Multiplayer hide-and-seek video game on Unity



## Professional experiences

### • Common core internship

Polymorph

Pacé, France / September 2022 to January 2023

- Graphic studio specialized in the creation and production of graphic content for the entertainment and museography sectors as well as for simulation, training and communication for service and industrial companies.
- Development of real-time applications on Unreal Engine 5 :
  - Generic touch application for viewing 3D models
  - AI for VR simulation

## IT skills

- |                 |                 |          |
|-----------------|-----------------|----------|
| • Unreal Engine | • C++, C#, C    | • OpenGL |
| • Unity         | • Python, Java, | • SQL    |
| • Blender       | JavaScript      | • Git    |

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Driving license

Creative

Sociable and smiling

Open mind

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57 rue Vasco de Gama, 75015 Paris, France

French - native language

English - B1 (Toeic 845)

## Diplomas and qualifications

### • Computer engineering, major IMAGE

Epita - Computer engineering school

Le Kremlin-Bicêtre, France / 2019 to 2024

### • Semester abroad

Algebra University College

Zagreb, Croatia / March to July 2021

### • Scientific baccalaureate with mention AB

Lycée Benjamin Franklin

Visual arts option

Auray, France / 2016 to 2019

## Associative experiences

### • Vice Secretary

Ephemere photography association

Paris, France / Since April 2023

### • Treasurer

Epita Student Office

Rennes, France / Year 2021-2022