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📧 cpp-rendering.io

🌐 github.com/qnope

21 years old

French – Driving license

# Antoine MORRIER

*Looking for an internship in 3D rendering*

## Working Experience

- 2016 **Lecturer**, *Télécom SudParis*.  
Make complete modern OpenGL courses for engineering student in Télécom SudParis and ENSIIE.
- 2016 **C++/Qt developer**, *Sprint JE*, Medikiosk, a medical touch screen.  
Development of a new module to search patient with their birthday.
- 2015 **C++/Qt developer**, *Sprint JE*, Medikiosk, a medical touch screen.  
Development of a medical touch screen to make the secretary's job more efficient.
  - The development was done in C++ with Qt.
  - Database was managed through SQL.
- 2015 **Intern**, *Outscale*, Summer internship, discovery of the Cloud.
  - Write an article which explains usefulness of the Cloud.
  - Write documentation about how to Install Hadoop on the Cloud (Cloudera, MapR).
  - Write documentation about how to create a scalable architecture for websites.
- 2014–2015 **C++/OpenGL developer**, *Télécom SudParis*, Galaxy-Engine, a 3D engine.  
Development of a rendering engine for the first year computer science project, it was able to :
  - Render a 3D scene through a Scene Graph.
  - Render Global Illumination with Splatting Indirect Illumination.
  - Use ambient occlusion and shadow mapping.

## Education

- Since 2014 **Master 2 - Engineering : Télécom SudParis, Évry, France**.  
High-Tech Imaging, expected graduation in 2017.
- 2012–2014 **Preparatory classe TSI, Alès, France**.  
Two years intensive program preparing for the national competitive exam for entry to engineering schools.  
Relevant coursework : Maths, Physic.

## Technical Strengths

<b>Language</b>	C++ (modern approach)	<b>FrameWork</b>	Qt and QtQuick
<b>Rendering</b>	OpenGL 4+ / Vulkan Photon Mapping, ray tracing	<b>GPGPU</b>	CUDA / GLSL (compute shader)
		<b>Image</b>	Snake, Color Space

## Languages

<b>French</b>	Native	<b>English</b>	Professionals skills
<b>Chinese</b>	Beginner		

## Interests

<b>Driving</b>	Cars and drive on track	<b>Sport</b>	Badminton
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