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With a computer graphics background, my main interests relates to real-time, characters animation, virtual humans, interactions and crowds behaviors, mixed reality, AI algorithms. Highly motivated I am looking to create and work on intuitive, innovative and disruptive tools.

# Skills\_\_\_\_\_

languages	python, C++ 14, Qt5/Qml	
Concepts	optimization, multi-threading, TDD, Scrum	
Tools	Maya, Blender, git, CMake, Conan, Docker, MSVC, VS Code	
API	Alembic, Fbx, glTF, Pixar's Usd, OpenMP	
Experie	nce	
PocketStud	o	06/2017 – now <b>- Paris, France</b>
R&D Software Engineer		
<ul><li> Real-time 3E</li><li> technical pa</li><li> Gui: Interact</li></ul>	e real-time and collaborative tool to create 3D movies. ) visualization - multi-threading, bots to test collaborative and conflicts engine, unit tests pers implementation & computer graphics algorithms - importers: obj, fbx, alembic, gltf ion - Qml Widgets Creation - Through software layers, to collaborative engine Qml, Python, Vulkan & shaders, Conan, Go, Docker, Kubernetes, SQLite, git, GitLab CI	
Anatoscope		11/2016 – 02/2017 <b>- Grenoble, France</b>
3D SOFTWARE EN		
<ul><li>Technology</li><li>Research in</li></ul>	Ovisualization algorithms, motion capture algorithms, augmented reality applications transfer: from research development to a business finalized product - CES presentation real-time image registration for Augmented Reality improvements on, Qt/Qml, Kinect, Sofa, MSVC, Maya, Blender	
TIMC, GMCAO team - INRIA Rhône-Alpes, Imagine team		10/2013 – 11/2016 <b>- Grenoble, France</b>
PHD: USER-SPEC	ific Real-Time Registration and Tracking applied to Anatomy Learning	
<ul> <li>User-Specifi</li> <li>Efficient Boo</li> <li>Project Man</li> <li>Mentoring: 1</li> </ul>	reality real-time anatomically correct mirror - 2D/3D registration c Anatomy Registration based on Kinect partial and noisy data as input dy Tracking and GPU Animation: Linear Blend Skinning, joint constraints agement: planning, development, design, advertising, setup and legal aspects .1 internships - Publications: 4 - Demos: CES 2016 and 3 others. on, Kinect SDK, Sofa, Qt5/Qml, OpenGL, GLSL, Maya scripting (python)	
INRIA Rhône-Alpes, Imagine team		09/2012 – 08/2013 <b>- Grenoble, France</b>
<ul><li>visualize ana</li><li>Anatomy tra</li></ul>	<b>R - My Corporis Fabrica: аматому модецінд вазед ом ам RDFs омтоьоду</b> atomical structures - front-end/back-end - ergonomic interaction & navigation nsfert: Multigrid algorithm development and Maya Muscle scripting pGL, Django, Html5, CSS3, Maya scripting (python), OpenGL, SQL, RDFs	
Educati	on	

## **University Joseph Fourier**

PHD IN COMPUTER GRAPHICS

#### **UFR of mathematics and informatics**

MASTER'S DEGREE IN COMPUTER GRAPHICS AND IMAGE PROCESSING

### University of Franche Comté

BACHELOR'S DEGREE IN COMPUTER AND TECHNICAL SCIENCE

## Worth Knowing\_

LANGUAGES English - proficient French - native Spanish - native Japanese - rudimentary HOBBIES Scuba diving - N3 Marine biology - soon FB1 Urban roller skate - 2 years Music/Saxophone - 12 years 2013 – 2016 **- Grenoble, France** 

2010 – 2012 **- Strasbourg, France** 

2007 – 2010 **- Besançon, France** 

PERSONALITY TRAITS Curiosity Adaptability Organization Communication