# Thomas Pitiot

## Engineer & PhD in Computer Science

Specialized in virtual reality

- 27 years old
- thomas@pitiot.eu
- +33 6 83 70 45 63
- www.pitiot.eu
- French
- Driving license
- Mobility : World

## Professional Experience

**Freelance** Carcassonne - France / Since 2016

Development of Androïd and hybrid (ionic) apps.
- Polling app
- Multiplatform app to manage local vegetable baskets delivery

**Master's internship** ICube Lab ( called LSIIT at the time) Strasbourg / February 2012 - August 2012

Collision detection for crowd simulation with moving obstacles.

**Analyse-conception internship** IBISC Lab Évry - France / June 2011 - August 2011

A Toolbox of 3D interactions for Virtools

## Publication

**Deformable Polygonal Agents in Crowd Simulation**
Presented in June 2014, at the conference Computer Animation and Social Agents (CASA) in Houston
**Auteurs : Pitiot, Cazier, Jund, Habibi & Kraemer**

## Education

**PhD in computer science** University of Strasbourg Strasbourg - France / 2012 - 2015

**Thesis :** Multiresolution tools to handle real time simulation interactions.
**Key concepts :** Real time simulation, particle tracking, adaptive meshes, collision detection

**Master's degree in Virtual Reality and Intelligent Systems (RVSI)**
University of Évry Val d'Essonne Évry - France / 2011 - 2012

**Rank :** Major (1st)          **Jury's Mention :** Good

**Engineer ENSIIE** ENSIIE (National Superior School of Computer Science for Industry and Entrepreneurship) Évry - France / 2009 - 2012

A French Engineering school specialized in computer science.A French Engineer is able to learn fast and react to any problem thanks to his general cursus

## Computer skills

**Programming**
OCaml, C, C++, Java, Javascript, native Androïd, Schematic Blocks

**Softwares and tools**
Virtools, 3DVIA Studio, Qt Creator, OpenGL, Androïd Studio

[in] thomas-pitiot

## Travel

**North Eurasia** Cultural trip 2016 - 2017
Denmark, Sweden, Norway, Finland, Russia, Mongolia, South Korea, Japan et China.

## Interests

**Table tennis**

**Strategy Games**

## Languages

**English**
Bilingual

**French**
Native

**Spanish**
Good understanding