

Thomas Pitiot

Engineer & PhD in Computer Science

Interested in optimization, virtual reality and AI

Professional Experience

Freelance Carcassonne - France / Since 2016

Development of Android and hybrid apps handling both server side and client side.

- Polling app (native Android)
- Multiplatform app to manage local vegetable baskets delivery (ionic Framework)

Master's internship & PhD ICube Lab Strasbourg / February 2012 - December 2015

4 years experience as a C++ developer in the field of collision detection in virtual environments using Qt and OpenGL libraries.

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

A Toolbox of 3D interactions for Virtools using Virtools schematic blocks development

Papers

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 ENSIE ENSIE (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 Android, Schematic Blocks

Softwares and tools

Virtools, 3DVIA Studio, Qt Creator, OpenGL, Android Studio, Unity

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

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

Swedish

Good notions

Korean

Notions