Jing HUANG

17, Rue des Marguettes, 75012 Paris

+33 (0)6 13 65 44 59

gabriel.jing.huang@gmail.com

http://perso.telecom-paristech.fr/~jhuang/

https://www.youtube.com/user/mrluckyhj

EDUCATION

2009 – 2013

Doctorate degree in Signal and Image

Ecole Mine-Telecom de Paris / ParisTech (ENST), Paris

2007 – 2009

Master Degree in Computer Science and BioInformatics, top 5/100

University of Paris Descartes (Paris 5) and Pasteur Institute,Paris

CURRENT WORK

Researcher (topic of Intelligent Agent) at CNRS (French

National Centre for Scientific Research) in Paris

• Eu Projects: ILHAIRE (Laughter synthesis) : a mix of HMM, NeuralNetwork and PID for laughter synthesis (http://www.ilhaire.eu/)

EXPERIENCE

2013 – 2014

FPBGI AND ITS EXTENSION Factorized Point-Based Global Illumination: using screen space clustering method, using Octree and Morton order / Z-order curve to trunk large data into memory (improve both speed and memory performances)

2010 – 2013

VIRTUAL AGENT INTERACTIVE SYSTEM ”GRETA”

conversational embodied virtual agent that is modeled by FML/BML based on saiba framework. Animations are generated by procedural rule based method, machine learning method, etc. (Java)

2009 – 2013

ETOILE ET EDISON (PART TIME) A plugin system C/C++, GPGPU (download from my website)

2011 – 2011

SEPARABLE AMBIENT OCCLUSION

first introducing a separable computation fashion into real-time 3D application to improve speed performance

2013 – 2013

TEACHING COURSE, TELECOM PARISSUD Expressive Animation

2009 – 2009

3D MICROSCOPY RECONSTRUCTION Reconstruction of 3D view through 2D microscopy images OpenGL/GLSL

2009 – 2009

PROJECT ”PHARMACY” Construction of pharmacy system following the protocols of chimiotherapy and

clinic/pharmacy of departement. Using JAVA, ORACLE, JSP.

COMMUNICATION SKILLS

CHINESE mother tongue

ENGLISH fluent

FRENCH fluent

SOFTWARE SKILLS

PROGRAMMING:

C/C++, OpenGL/GLSL,WebGL, HLSL, CUDA,OpenCL, JAVA, JSF, Python, Basic, UML, XML,design patterns, etc

WEB DEVELOPPING:

HTML, PHP, CSS,JAVASCRIPT, SQL, PL/SQL, Oracle, MySQL, etc

DATA MING:

Weka, Matlab, Numpy, etc

MODELING:

Blender, 3DSMax,ImageJ, Adobe, etc

PRESENTATION:

LATEX, Office, etc

DIVERSITY

Prize ”EGIDE” for foreign students in France, top 5/100 in master

Reviewer of Computer Graphics Forum 2011