Justine Grave
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Born January 24th 1978, French

WORK EXPERIENCE

Since 2003, Laboratoire Central des Ponts et Chaussées, Paris, France:
Design and evaluation of a luminance compression algorithm, using the human visual perception characteristics, for digital and computer graphics images, applied for road visibility studies. Three year project as a PhD student.
Management experience: management of a team of 2/3 persons.
In 2004 2005 and 2006 : Tutorial teacher in Statistics to student in second year at university, University 1 Panthéon Sorbonne, Paris.

2002, Research engineer, Archives department of RTP (Radio Televisão Portuguesa), Lisbon, Portugal :
Audiovisual archives retrieval: temporal video segmentation, scene change detection (cuts, dissolves, fades, wipes…etc.) .
Work carried out within the European project of research MOUMIR (Models for Unified Multimedia Information Retrieval)

2001, Third year Engineering school training period, Electrical and Electronical department of Trinity College, Dublin, Ireland:
Audiovisual documents restoration (defect detection (drop out), noise estimation) ,
Work carried out within the European project of research BRAVA (Broadcast Archives Restoration Through Video Analysis).

2000, Second year Engineering school training period, Research and development department at INA (Institut National de l'Audiovisuel), Paris, France :
Image and video processing: motion estimation (phase correlation method, segmentation) ,
Work carried out within the European project of research BRAVA.

PROFIL

Education   **1998 - 2001** Engineering school ENSEEIHT (Ecole Nationale Supérieure d'Electronique, Electrotechnique, Informatique, Hydraulique et Télécommunication), Toulouse, France.
Third year: Signal and image processing.
First and second year : hydraulic and fluid mechanics.
1995 - 1998 Preparatory classes for entrance exams in engineering schools
Paris, France.
1995 Baccalauréat série S, equivalent to an A level specialized in mathematics

Technical skills   Programing languages : C/C++, Java, HTML, MFC
Graphics library : OpenGL
Environment: Unix, Windows
Software: Matlab, Dreamweaver, Maple, Premiere, Photoshop, Dreamweaver

Languages   English : fluent
Portuguese : conversational
Spanish : conversational
Japanese : notions

Extracurricular activities   I enjoy drawing and painting, especially with watercolours. In my spare time, I'm working on my own projects of comics and illustrated books. I also take photos, in particular lives pictures, they are sometimes used on the bands websites or by webzines.