

Adrien Bousseau

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25 years old

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OBJECTIF: Computer Graphics Researcher

EDUCATION:

- 2006 - 2009 **PhD in Computer Graphics, INRIA – Grenoble University**, France.
Abstraction in image synthesis.
- 2004 - 2006 **ENSIMAG** (Engineer School in Computer Science and Applied Mathematics of Grenoble),
Master's Degrees in Computer Graphics, with honors.
INPG Grenoble, France.
- 2002 - 2004 Bachelor's Degree in Computer Engineering, with honors.
La Rochelle University, France.
- 2000 - 2002 Higher National Diploma in Computer Science, with Computer Graphics orientation.
Clermont-Ferrand1 University, France.

WORK EXPERIENCE:

- 2006 – 2007 Internship at **Adobe Systems** (Seattle).
(6 months) Under the supervision of David Salesin.
Video watercolorization, Diffusion Curves for smooth vector graphics
- 2005 – 2006 Internship at INRIA – Grenoble University (France).
(9 months) Under the supervision of Joelle Thollot.
Real time watercolor rendering for animations.
- 2004 Internship at Sigmedia – **Trinity College of Dublin** (Ireland).
(5 months) Under the supervision of Laurent Joyeux and Anil Kokaram.
Video Movement Analysis for the Diagnosis of Dyslexia.
- 2003 Internship at L3I – La Rochelle University (France).
(2 months) Under the supervision of Jean Paul Gourret.
Modeling and texturing of Human 3D Shapes.

SKILLS:

Computer Science and Applied Mathematics:
Programming Languages: C, C++, Java, Matlab
Graphic Library: OpenGL, DirectX
Image synthesis, Analysis and Processing; Scientific Visualization, Medical Imaging,
Finite Elements, Optimization, Statistical Analysis.

Foreign Languages:

English: read, write and speak.
5 months stay in Ireland, 7 months stay in Unites States.
French: mother tongue.

PERSONAL INTEREST:

Sport: swimming, skiing, hiking.
Cooking.

PUBLICATIONS:

- 2008 Diffusion Curves: A Vector Representation for Smooth-Shaded Images
Alexandrina Orzan, **Adrien Bousseau**, Holger Winnemöller, Pascal Barla, Joëlle Thollot, David Salesin.
ACM Transactions on Graphics (Proceedings of SIGGRAPH 2008), Volume 27
- 2007 Structure-preserving manipulation of photographs
Alexandrina Orzan, **Adrien Bousseau**, Pascal Barla, Joëlle Thollot
International Symposium on Non-Photorealistic Animation and Rendering (NPAR)
- Video Watercolorization using Bidirectional Texture Advection
Adrien Bousseau, Fabrice Neyret, Joëlle Thollot, David Salesin
ACM Transaction on Graphics (Proceedings of SIGGRAPH 2007), Volume 26
- 2006 Interactive watercolor rendering with temporal coherence and abstraction
Adrien Bousseau, Matthew Kaplan, Joëlle Thollot, François Sillion
International Symposium on Non-Photorealistic Animation and Rendering (NPAR)
- 2004 Content based access for a massive database of human observation video
Laurent Joyeux, Erika Doyle, Hugh Denman, Andy Crawford, **Adrien Bousseau**, Anil Kokaram, Ray Fuller
MIR '04: Proceedings of the 6th ACM SIGMM international workshop on Multimedia information retrieval