

OLIVIER TBOUL

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PhD Candidate
Applied Mathematics, Computer Vision
Ecole Centrale Paris, Microsoft Research Scholar
French, English, Greek, Portuguese, Spanish

OBJECTIVE: *Research/Software Engineer*

EDUCATION

- 2008 - 2010** **Ecole Centrale Paris (ECP), France - Microsoft Research Scholar**
PhD Candidate in Computer Vision. Supervisor: Nikos Paragios
Sponsored by Microsoft Research Cambridge and Microsoft France
Image-based Building Modeling with Shape Grammars
- 2006-2007** **Ecole Normale Suprieur (ENS) de Cachan, France**
Master's degree: Mathematics, Vision and Machine Learning, with distinction
- 2004-2007** **Ecole Centrale Paris, France**
Bachelor and Master's degree in Mathematical Engineering, with distinction

EXPERIENCES

- Jul.10 - Aug.10** **Statistics Department of UCLA, Los Angeles CA, USA**
Internship in *Machine Learning* (C++/Python). Supervisor: Alan Yuille.
- Jul.09 - Aug.09** **Computer Science Department, University of Crete, Heraklio, Greece**
Internship in *Optimization* (C++). Supervisor: Giorgios Tziritas.
- May 07 - Nov.07** **Siemens Corporate Research, Princeton NJ, USA**
Internship in *Computer Vision* (C++/Python). Supervisor: Yanghai Tsin.
- Oct.06 - May.07** **CEA, Orsay, France**
Internship in *Medical Imaging* (C++/Matlab). Supervisor: Thierry Delzescaux.
- Jun.06 - Jul.06** **LIAMA, Chinese Academy of Science, Beijing, China**
Internship in *Computer Graphics* (C). Supervisor: Xiaopeng Zhang.

ACADEMIC ACTIVITY

- Publications** 3 publications in Computer Vision (ICCV 09, IJCV, CVPR 10)
1 oral presentation at CVPR 2010
2 publications in Medical Imaging (MICCAI 07, MICCAI 10)
1 publication in Computer Graphics (PMA 06)
2 submissions pending in Computer Vision
- Reviews** Reviews for IEEE journals and conferences (PAMI, CVIU, CVPR, ACCV, ICPR)
- Softwares and Libraries** RFLib: C++ library for Randomized Forest for supervised learning
PySkeleton: Python software for Straight Skeletons Algorithm
- Teaching** Teaching Assistant in Ecole Centrale Paris (2007-2011)
Computer Science, Probability Theory, Signal Processing
Computer Vision, Model Order Reduction and Function Approximations

SPECIFIC SKILLS

- Programming Languages** C/C++, Python, Matlab, OpenCV, Qt, OpenGL
French(mother tongue), English, Greek (fluent), Portuguese, Spanish (good)

EXTRACURRICULAR ACTIVITIES

Volley-ball (member of the university team), Literature, Traveling