Mikael Trellet

Postdoc researcher @ Utrecht University
Molecular Modeling and VR Engineering

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⌕ *http://perso.limsi.fr/trellet/index.html*
27 years old – driver licence

Work experience

Sept. 2011 – Sept. 2012	**Research/Educational assistant**, *Computational and Structural Biology group*, Utrecht university - NETHERLANDS. Under Pr. Alexandre Bonvin supervision ○ Research project for protein-peptide docking with HADDOCK software Article ○ European grid-computing administration in the WeNMR project ○ New clustering method for protein-protein complexes assessment Article

Academic

Education

2012 – 2015	**PhD degree**, *Paris-Saclay University - FRANCE.* Informatics
2009 – 2011	**Master's degree**, *Evry university - FRANCE.* Biology and Informatics engineering
2006 – 2009	**Bachelor's degree**, *Evry university - FRANCE.* Biology, specializing in bioinformatics
2007 – 2010	**Highschool diploma**, *Mennecy Highschool - FRANCE.* Science, specializing in Physics/Chemistry

Research

Oct. 2012 – Dec. 2015	**PhD student**, *VENISE group, LIMSI/CNRS*, Paris-Saclay University - FRANCE. Exploration and Analyses of Molecular Data in Virtual Environments. Thèse ○ Visualization of molecular structures with stereoimages based on depthmaps/textures smartphones and tablets ○ Content-based navigation of molecules in virtual environments ○ Semantic definition of structural biology for the use of Visual Analytics
Jan. 2011 – July 2011	**Master student**, *Computational and Structural Biology group*, Utrecht university - NETHERLANDS. Under Pr. Alexandre Bonvin supervision Docking of protein-peptide complexes using HADDOCK approach + Development of post-analysis module for HADDOCK web server (1500 lines ; Python, Bash and R)
June 2010 – Aug. 2010	**Master student**, *AROBAS unit, IBISC/CNRS*, Evry university - FRANCE. Under Pr. Fariza Tahi supervision Improvement of TFold for the prediction of RNA pseudoknots
June 2009 – Aug. 2009	**Master student**, *Structural Bioinformatics research group*, Institut Pasteur, Paris - FRANCE. Under Pr. Michael Nilges supervision Homology modelling of pilin, structural subunit of N. Meningitidis and N. Gonorrhoeae pili Article