Kimiya Minoukadeh

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EDUCATION

2007 – Present **Ecole Nationale des Ponts et Chaussées, France**
- PhD in Applied Mathematics. Supervisor: Eric Cancès
- Deterministic and Stochastic Optimization methods for Molecular Simulations.

2006 – 2007 **Ecole Polytechnique, France**
- Masters in Applied Mathematics – specialization in Optimization

2005 – 2006 **Oxford University (Lincoln College), UK**
- MSc in Mathematical Modelling & Scientific Computing

2002-2005 **Oxford University (Exeter College), UK**
- BA Mathematics & Computer Science (First Class Honours)

2000-2002 **Lycée Français Charles De Gaulle, London, UK**
- A Levels in Maths, Further Maths, French and Art

WORK EXPERIENCE

Summer 2007 **INRIA & Ecole Polytech. de Montreal, Canada**
Summer Project
- Optimization and development of the Left Ventricular Assist Device (LVAD)

January – April 2006 **St Catherine's College, Oxford University, UK**
Tutor in Differential Equations
- Undergraduate tutoring for a 2nd year Differential Equations course

Summer 2005 **The MathWorks, Cambridge, UK**
Summer Studentship in Computational Biology
- Developed pharmacokinetic & pharmacodynamic models. Developed data fitting model demos for the Simulink Parameter Estimation tool.

Summer 2004 **Goldman Sachs, London, UK**
Summer Technology Analyst
- Enhancements on internal website for the Asset Management Sales & Marketing team. Technologies included JSP, Java, SQL, Visual Basic

AWARDS

2006-2007 – Fondation de l'Ecole Polytechnique
2005-2006 – EPSRC Studentship
2005 – The MathWorks Studentship
2005 – Fitzgerald Prize (Exeter College, Oxford)
2004 – East Scholarship (Exeter College, Oxford)
2003-2004 – Collections Prizes (Exeter College, Oxford)
2003 – East Exhibition (Exeter College, Oxford)
1997-2000 – UK Mathematical Challenge (3 Silver, 1 Bronze award)

OTHER

- Languages: English, French, Persian
- Technologies: C++, MATLAB, Scilab, Java, SQL, VB, HTML, JSP
- Hobbies: Digital art, reading, running