

**NAFISA-KATRIN SEICH AL BASATENA**

Nationality: Greek ♦ Date of Birth: 7 June 1983

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**EDUCATION**

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- Oct. 2009 - Sep. 2012 **Imperial College, London, UK**  
*PhD in Bioinformatics*  
*"HLA class I and the outcome of viral infection"*  
*On Scholarship granted by the Wellcome Trust*
- Oct. 2008 - Sep. 2009 **Imperial College, London, UK**  
*MSc in Bioinformatics and Systems Biology*  
*On Scholarship granted by the Wellcome Trust*  
*Grade: 77/100 (Distinction)*
- Computing project on "Visualisation of High-Throughput ChIP-Seq data"*
- Data analysis project on "Investigating the effect of inversion polymorphisms on statistical genetics methods of inference"*
- Systems biology project on "Metabolic association networks"*
- Oct. 2007 - Sep. 2008 **University of Oxford, Oxford, UK**  
*MSc in Mathematical Modelling & Scientific Computing*  
*On Scholarship granted by the Propondis Institute and EPSRC*  
*St. Anne's College*  
*Grade: 71/100*
- Dissertation on "Multiscale Modelling of Cell motility in Neurogenesis"*
- Oct. 2001 - Feb. 2007 **National Technical University of Athens (N.T.U.A), Greece**  
*Applied Mathematics and Physical Sciences - 5 years course*  
*Specialization on Applied Statistics and Applied Mathematics/ Mechanics*  
*Grade: 8.66/10*
- Dissertation on "Modelling and Computational Analysis of Virus Dynamics: From the coarse-grain interactions to population dynamics"*
- Sep. 1997 - June 2001 **Doukas School, Greece**  
*Secondary General Education and Education in the Science Field*  
*Grade: 19.3/20*

## **EMPLOYMENT HISTORY**

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- Oct. 2006 - Nov. 2006      **Hellenic Aerospace Industry, Greece**  
*Quality Control (Practical Part of Studies)*
- Worked on the quality testing of aircraft engine components using X-rays, ultrasounds and fluorescence techniques
- Sep. 2001 - Jun. 2007      **Private tutoring, Greece**  
*Tutored junior high school, high school and University students in Mathematics, Physics and Chemistry*
- General Mathematics, Ordinary differential equations, Statistics, Mechanics, Basic Organic and Inorganic Chemistry

## **IT SKILLS**

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**Matlab (3 yrs. experience)**  
**R (1 yr. experience)**  
**Java (1 yr. experience)**

Familiar with Python, Perl, C++(Crash Course), Mathematica, SQL, Adobe Flex, XML, HTML

**Software packages :**  
Competent with MSOffice (Excel, PowerPoint, Word, Visio), Latex

**Operating systems:**  
Windows, Linux

## **SCHOLARSHIPS AND AWARDS**

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- Apr. 2008      **Scholarship of Eugenidou Institute, Greece**  
*Awarded to the top ten students of the year (< 5% of graduates)*
- Mar. 2008      **Scholarship of Bodossaki Institute , Greece (not taken up)**  
*Nominated for PhD studies in St. Peter's College, Oxford University*
- Mar. 2008      **Wellcome Trust Scholarship, UK**  
*Nominated for MSc/PhD studies in Bioinformatics in Imperial College*
- Oct. 2007      **Theocharis Award, Department of Mechanics, N.T.U.A**  
*Awarded for Excellence in the Courses of Applied Mathematics/Mechanics*
- Aug. 2007      **Scholarship of Propondis Institute, Greece**

*Covering living expenses for MSc studies in Oxford University*

Jul. 2007

**EPSRC Studentship, University of Oxford**  
*Covering college and university fees*

## **LANGUAGES**

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- Greek (mother tongue)
- English (Cambridge Proficiency in English, I.E.L.T.S.(8.5/9))
- French (A1,A2,A3,A4)
- Arabic (Currently learning)

## **INTERESTS & ACTIVITIES**

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Reading books, jigsaw puzzles, music.

## **REFEREES**

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- Details available on request