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Curriculum Vitae

Profile

A bioinformatics postgraduate student, my undergraduate degree has given me practical and theoretical skills in biochemistry and chemistry. Also with over 15 years of self-instigated programming experience, I would be a motivated and versatile addition to any research team.

I am currently seeking a PHD position in systems biology.

Education:

2005-now [Imperial College London](#)

[Msc. Bioinformatics](#) with funding from the [MRC](#)

2002-2005 [Nottingham University](#)

BSc. (Hons) 1st in [Biochemistry and Biological Chemistry](#)

1996-2001 Sevenoaks School (A-level)

Maths [A], Chemistry [A], Biology [A], Physics [A]

Research-related Appointments:

Summer 1999 Glaxo-Wellcome

Work experience post in the Beckenham drug-manufacture plant

Summer 2004 Centre for Biomolecular Sciences

Summer studentship working on DNA replication-initiation in *Bacillus Subtilis*:

Assisted Dr. Soultanas in:

- preparation of samples for Atomic Force Microscopy and biochemical assays

Worked alone for second half of tenure on:

- Full production, expression and purification of milligram quantities of mutant forms of *b.subtilis* DnaD protein.

Technical Skills:

- Extensive experience in C/C++ including the following technologies: OpenGL, Sockets, DirectX, GTK2, MFCs and ALSA.
- Databasing in SQL
- Extensive experience in assembler language (x86 and 65816) and in python.
- Additional programming experience in (visual) basic, perl, bash, java and R.
- Biochemical and chemical wet laboratory experience.

Personal Details

Date of Birth	16 th April 1983
Marital Status	Single

Interests:

- I am involved in heading a [number of programming projects](#), organising a translation team in [romhacking](#) 90s Japanese Super Nintendo games for English text. My role is project leader and 65816 assembler programmer.
- I am a keen hiker and mountaineer
- I train in the martial arts [iaido](#) and aiuchi jiu jitsu
- I am a member of the [Imperial College Caving Club](#)
- I am learning Mandarin as part of the [Imperial College Humanities program](#).
- At Nottingham, I founded and presided over an [art-cinema society](#) with over a hundred members. I still have a strong interest in silent film, particularly those of Weimar Germany.
- I maintain a keen interest in machine-learning and artificial intelligence, having direct programming experience of: Neural networks, Radial basis function networks, Support vector machines, genetic algorithms and committee machines.