

Aaron M. Smith

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EDUCATION **Uppsala University** **September 2012 -**

Master's in Language Technology (expected completion date: June 2014)

- The courses I have taken to date have covered linguistics, grammar, natural language processing, speech technology, syntactic parsing, information retrieval and machine translation.

University of Oxford **September 2007 - April 2012**

PhD at the Centre for Mathematical Biology

- I wrote and successfully defended a 200-page thesis on applying computational models of cells to the study of tissue growth during development.
- I led a collaborative project between mathematicians and biologists investigating cell migration, publishing two articles in peer-reviewed journals and presenting the results to the wider community at conferences around the world.
- I taught mathematics and computing skills to both undergraduates and fellow doctoral students, often helping those from a non-mathematical background to understand and apply mathematical concepts to biological systems.

University of Bath **September 2003 - June 2007**

MPhys in Mathematics & Physics

- I was awarded first-class honours, the highest grade attainable for my degree.
- I took part in a year-long industrial placement at MBDA UK in Bristol, working in a team to create an innovative algorithm for the navigation of long-range missiles.
- I wrote and defended a thesis on factors effecting underwater sound propagation and published the results in a conference paper.

EMPLOYMENT **MyDocumate, www.mydocumate.com** **May 2012 -**

- I proofread the personal statements of non-native English speakers applying to study at English universities, checking the fluency of prose and making pertinent adjustments to the argument and logical flow.
- I interact directly with clients, ensuring that their needs have been understood and that they are happy with the final product.

Jersey Water **June 2005 - September 2007**

- I worked during university holidays, implementing a novel computerised system for recording the location of water mains pipes.
- I collaborated with engineers on site, finding out which information was most useful to them, and demonstrating the increased accuracy and efficiency of the new system.

Safe and Sound Ltd, Bath**November 2003 - December 2006**

- I worked as a steward at a range of sports matches including football and rugby, helping to ensure the health and safety of the crowd.
- My responsibilities included searching bags, checking tickets and responding to queries from the public.

**VOLUNTARY
WORK****Oxford Food Bank****January 2011 - April 2012**

- I collected, sorted and helped deliver fresh fruit, vegetables and bread from supermarkets to local charities, enabling some of the most vulnerable people in the city to eat regular nutritious meals made from food that would otherwise have gone to waste.
- I represented the organisation at student fairs and other events, explaining its goals and recruiting new volunteers.

Giving What We Can**November 2011 -**

- I wrote a long term business plan for this rapidly growing organisation, whose members each pledge to give at least 10% of their incomes to cost-effective charities. The plan detailed the expansion of the organisation to over 1000 members, pledging a combined total of \$100,000,000.
- I created a database of people associated with the charity using customer relationship management software. I now work on maintaining the database and expanding its functionality.

**OTHER
ACTIVITIES**

Language Exchange Uppsala (2012 -): I host conversation groups in English and Spanish, providing learners with the opportunity to practise these languages with native speakers on a regular basis.

SIAM Student Chapter (2009 - 2011): I helped coordinate two large student conferences for over 100 delegates, personally inviting key-note speakers and designing the conference website and registration system.

CMB social secretary (2010 - 2011): I was responsible for arranging monthly social events for my colleagues, including dinners, cinema trips, football games, and bowling, as well as the annual Christmas party at a local restaurant for 30 people.

Hertford College MCR Football (2008 - 2010): During my time in Oxford, I played football for the college MCR (graduate) team. During the 2009-2010 season I was chosen to be captain by my fellow players, and led the team to promotion for the first time.

LANGUAGES

English: Native tongue; I also have very strong English writing skills.

Spanish: Advanced; I regularly speak Spanish at home and am conversationally fluent, particularly in Latin American Spanish.

Swedish: Intermediate; I recently completed the *Svenska för invandrare* programme and have begun the course *Svenska som Andraspråk 1*. I also attend regular conversation groups in Swedish, learning from native speakers and helping beginners.

French: Intermediate; I studied French at school and in 2012 spent six weeks at a school in Nice, France, taking an intensive course in French language and culture.

**COMPUTING
SKILLS**

Microsoft Windows, Mac OS, Ubuntu Linux, Microsoft Office, OpenOffice, L^AT_EX, Matlab, Perl, Java, HTML, CiviCRM.