

## Benjamin W. Medlock

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CONTACT INFORMATION	21 Lawn Terrace Blackheath, London SE3 9LL	<i>Phone:</i> 07900 935399 <i>E-mail:</i> benmedlock@cantab.net <i>WWW:</i> www.benmedlock.co.uk
RESEARCH INTERESTS	Natural Language Processing, Text Classification, Text Prediction, Applied Machine Learning, Pattern Recognition, Probabilistic and Statistical Modelling	
CURRENT POSITIONS	Director – TouchType Ltd. Consultant – iLexIR Ltd., Camtology Ltd.	
EDUCATION	<b>University of Cambridge</b> , Cambridge, UK Ph.D., Natural Language and Information Processing, October 2004 – September 2007 <ul style="list-style-type: none"><li>• Dissertation Topic: <i>Investigating Classification for Natural Language Processing Tasks</i></li><li>• Supervisor: Prof E.J. Briscoe</li></ul> M.Phil., Computer Speech, Text and Internet Technology, October 2002 – August 2003 <b>University of Durham</b> , Durham, UK B.Sc. Hons, Computer Science, October 1999 – July 2002 <b>Pershore Business School</b> , Evesham, UK NEBSM Business Management NVQ Level 3, September 1998 – August 1999 (PT) <b>Victory Music College</b> , Bath, UK Music Degree Foundation, September 1996 – August 1997 (PT) ABRSM Grade 8 theory ABRSM Grade 6 performance	
HONOURS AND AWARDS	University of Cambridge Millennium Scholarship (3 years – Ph.D.), 2004 University of Cambridge Grade A+, M.Phil. Thesis, 2003 EPSRC M.Phil. Studentship, 2002 University of Durham B.Sc. First Class with Honours, 2002 University of Durham Data Connection prize for best practical work, 2001 University of Durham Data Connection prize for best overall first year student, 2000 Year In Industry (YII) Best Report Award, 1999	
ACADEMIC AND WORK EXPERIENCE	<b>University of Cambridge:</b> Reviewer: EACL 2009, the <i>Journal of Biomedical Informatics, Computer Speech and Language</i> . Computational Linguistics UK (CLUK 2007) Organising Committee member, 2006-2007 M.Phil. project <i>Interactive Learning for Textual Anonymisation</i> main supervisor, 2006 Computer Speech, Text and Internet Technology M.Phil practical demonstrator, 2004-2006 Undergraduate Part III NLP module supervisor, 2004 <b>University of Durham:</b> Undergraduate Functional Programming module practical demonstrator, 2001 <b>British Energy, Gloucester, UK:</b> Database Systems Developer, October 1998 – September 1999 <b>Baskerville's School of Gymnastics, Bath, UK:</b> Level 5 qualified gymnastics coach, 1995 – 1998 (PT)	

**Freelance:**

Contract Database Development for Moss of Bath, 2001 (PT)

Drum Kit and Percussion Tuition, 1995 – 1998 (PT)

## PUBLICATIONS

Investigating Classification for Natural Language Processing Tasks (Book) VDM 2008

Exploring Hedge Identification in Biomedical Literature, In the *Journal of Biomedical Informatics*, JBMI 2008 (Elsevier)

Weakly Supervised Learning for Hedge Classification in Scientific Literature, In *Proceedings of the Association of Computation Linguistics 2007 (ACL '07)*, Prague, 2007.

An adaptive, semi-structured language model approach to spam filtering on a new corpus. In *Proceedings of the Third Conference on Email and Anti-Spam (CEAS 2006)*, Mountain View, CA, 2006

An introduction to NLP-based textual anonymisation. In *Proceedings of the Fifth International Conference on Language Resources and Evaluation (LREC 2006)*, Genoa, Italy, 2006

A generative, adaptive language model approach to spam filtering. Masters Thesis, University of Cambridge Computer Laboratory, 2004

A tool for GLR parsing in Haskell. Bachelor's Thesis, University of Durham Department of Computer Science, 2002

PAPERS IN  
PREPARATION

Investigating topic categorization with RCV1

## COMPUTER SKILLS

- *Languages*: C++, Java, Perl, Haskell, SQL, Unix shell scripting (bash/csh etc.)
- *Statistical Packages*: GnuPlot, Matlab
- *Web*: Basic website design and implementation – HTML, Javascript etc.
- *Applications*: L<sup>A</sup>T<sub>E</sub>X, MS Access, office tools and presentation software
- *Operating Systems*: Unix/Linux, Windows.

HOBBIES AND  
OTHER INTERESTS

- *Sport*: Captain and winner of district youth football league; captain of college football A-team; keen amateur gymnast and squash/tennis/hockey player
- *Music*: Competent on guitar, bass, keyboard, drums and vocals; written, performed and produced two albums of contemporary music – benmedlock.co.uk/music
- *Overseas service*: Six months spent in rural South Africa working with local children and adults in the areas of music, drama and IT
- *Children's work*: Two terms spent teaching art and music at private school in Swindon; regular work with children in a church context
- *Reading*: classical and modern literature

## PERSONAL

Date of Birth: March 3, 1979

Current, full driving licence

References available on request