JAMES ROBERT LLOYD

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EDUCATION

2011 –	**Trinity College, Cambridge University: PhD candidate in Machine Learning**
	Current research focusing on the application of Bayesian, nonparametric and other statistical machine learning techniques to networks and relational data
2008 – 2009	**Trinity College, Cambridge University: M.Phil in Statistical Science**
	Exam mark: 85/100, Dissertation mark: 85/100
	Dissertation discussed applications of nonparametric regression to stock index data
2005 – 2008	**Trinity College, Cambridge University: BA Hons Mathematics**
	Part II I Part IB I Part IA I
1998 – 2005	**Portsmouth Grammar School**
	STEP Mathematics II & III (S), 4 A Levels (A), 2 AEAs (Distinction), 1 AS Level (A), 10 GCSEs (A*)

AWARDS AND SCHOLARSHIPS

2011	PhD fees and maintenance awarded by EPSRC
2009	John Wishart prize for distinction in statistics (Statistics Laboratory, Cambridge University)
2008	M.Phil fees and maintenance awarded by EPSRC
2008	Mathison academic prize and Heilbronn mathematics prize (Trinity College, Cambridge University)
2007	Elected to senior scholarship at Trinity College
2006	Elected to junior scholarship at Trinity College
2005	Sixth form award for mathematics and sciences (Portsmouth Grammar School)
2004	Winner of National Cipher Challenge, £1000 (GCHQ and University of Southampton)
2004	Sixth form Hornby academic scholarship (Portsmouth Grammar School)

PUBLICATIONS

Lloyd J., Orbanz P., Ghahramani Z., Roy D. (2013). Random function priors for exchangeable arrays. Advances in Neural Information Processing Systems (NIPS)

EMPLOYMENT

The Boston Consulting Group
01/2010 – 07/2011
06/2008 – 08/2008

- Casework has included working with a non-departmental public body to analyse how businesses can best assist the public to reduce their carbon emissions and writing a report about the Internet economy in the UK commissioned by Google. Sourced statistics, analysed data, produced presentations and conducted meetings with senior business executives.

Oxeye Capital Management Ltd.
01/2009 – 12/2009
09/2008 – 11/2008
12/2006 – 04/2008

- Analyst. Researched trading strategies in various futures and options markets; mostly derived from major stock indices. Performed analyses of trading strategy performance and market dynamics. Some marketing and client exposure.

Barclays Capital
12/2008 – 12/2008

- Internship in structured capital markets. Read and discussed documentation for complex international financial transaction. Presented internally to demonstrate understanding.

Maritime Combat Systems Centre, Portsdown Technology Park
07/2003 – 07/2003

- 2 week work experience placement. Feasibility study and trial of software. Produced programmes to illustrate the software under trial. Wrote documentation to installation standards.

SKILLS

Programming
- Currently using MATLAB and Python. Previous experience with C, R, and Pascal (Delphi).
- Some familiarity with SPLUS, SQL, HTML and VBA.

IT
- Familiar with MS Office, Windows OS, Mac OS, Linux and a variety of common software

Languages
- Basic Arabic and German, some French.