

Education

PhD Computer Science , Imperial College London Supervisor: Professor Stephen Muggleton Thesis: Meta-interpretive learning of food-webs	10/2013 -
MSc Computer Science , University of Oxford Supervisor: Dr Brian Harrington Thesis: Modelling stock volume using twitter	10/2010 - 10/2011
BSc Computer Science , Nottingham Trent University Supervisor: Dr Caroline Langensiepen Dissertation: Scenes from a book	10/2005 - 7/2009

Experience

Research Intern , National Institute of Informatics, Tokyo, Japan Supervisor: Professor Katsumi Inoue Comparing meta-interpretive learning with meta-level abduction	10/2014 - 1/2015
Research Assistant , University of Cambridge Supervisor: Dr Eiko Yonkei Investigated distributed asynchronous graph algorithms	7/2013 - 10/2013
Research Engineer , MFG Labs, Paris, France Worked with Pierre-Louis Lions (Fields Medalist & Professor at Collge de France) and Jean-Michel Lasry (Proffesor at Universit Paris Dauphine)	1/2012 - 6/2013
Software Engineer , Esendex, Nottingham, UK Developed tools to monitor and analyse SMS traffic	1/2010 - 10/2010
Software Engineer , Counter Solutions, Derbyshire, UK Developed tools to monitor and analyse server performance	6/2007 - 10/2008

Publications

Conferences

- A. Cropper and S. Muggleton. Logical minimisation of metarules within meta-interpretive learning. In *Proceedings of the 24th International Conference on Inductive Logic Programming, 2014*. To appear.
- A. Cropper and S.H. Muggleton. Can predicate invention in meta-interpretive learning compensate for incomplete background knowledge? In *Proceedings of the 24th International Conference on Inductive Logic Programming, 2014*. To appear.

Workshops

- A. Cropper. Identifying and inferring objects from textual descriptions of scenes from a book. In *Proceedings of the 2014 Imperial College Computing Student Workshop*. To appear.

Awards and grants

- NII International Internship Program 370,500 YPN (approx £2200) 10/2014 - 12/2014

- Full BBSRC PhD case studentship (all fees and standard bursary) 10/2013 - 10/2016
 - Syngenta fellowship (£7500/year) 10/2013 - 10/2016
-

Reviewing

Workshops

- 2014 Imperial College Computing Student Workshop