

Education

PhD Computer Science , Imperial College London	10/2013 -
Supervisor: Professor Stephen Muggleton	
Thesis: Meta-interpretive learning efficient logic programs	
MSc Computer Science , University of Oxford	10/2010 - 10/2011
Supervisor: Dr Brian Harrington	
Thesis: Modelling stock volume using Twitter	
BSc Computer Science , Nottingham Trent University	10/2005 - 07/2009
Supervisor: Dr Caroline Langensiepen	
Dissertation: Scenes from a book	

Experience

Research Intern , National Institute of Informatics, Tokyo, Japan	10/2014 - 12/2014
Supervisor: Professor Katsumi Inoue	
Research Assistant , University of Cambridge	07/2013 - 10/2013
Supervisor: Dr Eiko Yonkei	
Research Engineer , MFG Labs, Paris, France	01/2012 - 07/2013
Software Engineer , Esendex, Nottingham	01/2010 - 10/2010
Software Engineer , Counter Solutions, Derbyshire	06/2007 - 10/2008

Publications

Refereed conferences papers

1. Andrew Cropper. Learning efficient logic programs (extended abstract). In *Proceedings of the 15th International Joint Conference on Artificial Intelligence (IJCAI 2015)*. To appear.
2. Andrew Cropper and Stephen Muggleton. Logical minimisation of metarules in meta-interpretive learning. In *Proceedings of the 24th International Conference on Inductive Logic Programming (ILP 2014)*. To appear.

Refereed workshop papers

1. Andrew Cropper. Identifying and inferring objects from textual descriptions of scenes from books. In *2014 Imperial College Computing Student Workshop (ICCSW 2014)*, vol. 43, pp. 19-26. Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2014.

Refereed short papers

1. Andrew Cropper and Stephen Muggleton. Can predicate invention in meta-interpretive learning compensate for incomplete background knowledge? *24th International Conference on Inductive Logic Programming, 2014*. Invited as a long paper.

Awards and grants

• International Joint Conference on Artificial Intelligence Doctoral Consortium	IJCAI 2015
• <i>Machine Learning Journal</i> best student paper	ILP 2014
• National Institute of Informatics international internship program	10/2014 - 12/2014
• Full BBSRC PhD case studentship	10/2013 - 10/2016
• Syngenta fellowship	10/2013 - 10/2016

Reviewing

Workshops

- 2014 Imperial College Computing Student Workshop

Talks

- *Meta-interpretive learning normal logic programs*, Meeting on meta-interpretive learning, Imperial College London, UK, 2015.
- *Predicate invention in meta-interpretive learning*, Meeting on abductive and inductive reasoning, Wakayama University, Japan, 2014.

Languages

- English: native
- French: basic