

Andrew Cropper

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Department of Computing,
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Education

PhD Computer Science , Imperial College London Supervisor: Professor Stephen Muggleton Thesis: Meta-interpretive learning efficient logic programs	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 Graduated with first-class honours Supervisor: Dr Caroline Langensiepen Dissertation: Scenes from a book	10/2005 - 07/2009

Experience

Research Intern , National Institute of Informatics, Tokyo, Japan Supervisor: Professor Katsumi Inoue Comparing meta-interpretive learning with meta-level abduction	10/2014 - 12/2014
Research Assistant , University of Cambridge Supervisor: Dr Eiko Yonkei Investigated distributed asynchronous graph algorithms	07/2013 - 10/2013
Research Engineer , MFG Labs, Paris, France	01/2012 - 07/2013
Software Engineer , Esendex, Nottingham	01/2010 - 10/2010
Software Engineer , Counter Solutions, Derby	06/2007 - 10/2008

Publications

Refereed conferences papers

1. **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

- *Machine Learning Journal* best student paper ILP 2014
- National Institute of Informatics international internship program 10/2014 - 12/2014
- Full BBSRC PhD case studentship (all fees and standard bursary) 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