

## Andrew Cropper

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## Education

<b>PhD Computer Science</b> , Imperial College London Supervisor: Professor Stephen Muggleton Thesis: Meta-interpretive learning efficient logic programs	10/2013 -
<b>MSc Computer Science</b> , University of Oxford Supervisor: Dr Brian Harrington	10/2010 - 10/2011
<b>BSc Computer Science</b> , Nottingham Trent University Supervisor: Dr Caroline Langensiepen	10/2005 - 07/2009

## Experience

<b>Research Intern</b> , National Institute of Informatics, Tokyo Supervisor: Professor Katsumi Inoue	10/2014 - 12/2014
<b>Research Assistant</b> , University of Cambridge Supervisor: Dr Eiko Yonkei	07/2013 - 10/2013
<b>Research Engineer</b> , MFG Labs, Paris, France	01/2012 - 07/2013
<b>Software Engineer</b> , Esendex, Nottingham	01/2010 - 10/2010
<b>Software Engineer</b> , 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*, 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 ILP2014
- 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**

- *Predicate invention in meta-interpretive learning*, Meeting on Abductive and Inductive Reasoning, Wakayama University, Japan, 2014.

### **Languages**

- English: native
- French: basic