

# Andrew Cropper

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## 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

**BSc Computer Science**, Nottingham Trent University 10/2005 - 7/2009  
Supervisor: Dr Caroline Langensiepen

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## Experience

**Research Intern**, National Institute of Informatics, Tokyo, Japan 10/2014 - 12/2014  
Supervisor: Professor Katsumi Inoue

**Research Assistant**, University of Cambridge 7/2013 - 10/2013  
Supervisor: Dr Eiko Yonkei

**Research Engineer**, MFG Labs, Paris, France 1/2012 - 6/2013

**Software Engineer**, Esendex, Nottingham 1/2010 - 10/2010

**Software Engineer**, Counter Solutions, Derby 6/2007 - 10/2008

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## Publications

### Refereed conferences papers

- **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. *Machine Learning Journal* **best student paper**.

### Refereed workshop papers

- **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

- **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.

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## 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

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## Reviewing

### Workshops

- 2014 Imperial College Computing Student Workshop

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## Talks

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

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## Languages

- English: native
- French: basic