

**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 Thesis: Modelling stock volume using Twitter	10/2010 - 10/2011
<b>BSc Computer Science</b> , Nottingham Trent University Supervisor: Dr Caroline Langensiepen Dissertation: Scenes from a book	10/2005 - 07/2009

**Experience**

<b>Research Intern</b> , National Institute of Informatics, Tokyo, Japan 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, 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