

**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 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	10/2014 - 12/2014
Research Assistant, University of Cambridge Supervisor: Dr Eiko Yonkei	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, Derbyshire	06/2007 - 10/2008

**Publications**

1. Andrew Cropper and Stephen Muggleton. Learning efficient logical robot strategies involving composable objects. In *Proceedings of the 15th International Joint Conference on Artificial Intelligence (IJCAI 2015)*. To appear.
2. Andrew Cropper. Learning efficient logic programs. In *Proceedings of the 15th International Joint Conference on Artificial Intelligence (IJCAI 2015)*. To appear.
3. 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.
4. 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.

**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 10/2013 - 10/2016
- Syngenta fellowship 10/2013 - 10/2016

**Reviewing**

- 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.
- *Can predicate invention in meta-interpretive learning compensate for incomplete background knowledge?*, The 24th International Conference on Inductive Logic Programming, Nancy, France, 2014.

**Languages**

- English: native
- French: basic