

# Karl Moritz Hermann

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## Education

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### University of Oxford

*DPhil in Computational Linguistics*

2010–current

Expected to finish in Spring.

### School of Oriental and African Studies

*MSc in International Politics*

2006–2007

Graduated with Merit.

### Somerville College

*BA (hons.) in Computer Science*

University of Oxford

2003–2006

Graduated with First Class degree.

### Birkbeck College

*Certificate International Relations*

University of London

2005–2006

Evening course in International Relations concurrent to Oxford degree. First class.

## Experience

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### Google

*Research Intern*

New York

06/2013–09/2013

Research Intern with the parsing group at Google. Worked on frame parsing using distributed representations.

### Information Sciences Institute, University of Southern California

*Visiting Researcher*

Los Angeles

06/2012–09/2012

Visiting Researcher at the Information Sciences Institute in Marina del Rey/Los Angeles. Worked on hypergraph replacement grammars, resulting in work published at COLING 2012 and ACL 2013.

### McKinsey & Company

*Fellow Senior Associate*

Berlin

09/2008–06/2013

Fellow Senior Associate at McKinsey & Company. Consulted companies and public bodies worldwide on a variety of issues. Specific areas of focus include IT-strategy, marketing and pharmaceuticals. Took educational leave to commence DPhil studies from autumn 2010 onwards.

### European Commission

*Stagiaire*

Brussels

10/2007–02/2008

Traineeship at the European Commission, Department General for Information Society and Media. Work included participation in stakeholder meetings and inter-departmental conferences, policy analysis, review and conducting feasibility studies for new policies.

### Morgan Stanley

*Intern, Investment Banking*

Frankfurt

08/2006–09/2006

Internship with the Investment Banking Division at Morgan Stanley. Work included market research, acquisition target pre-screening, comparable trading charts and company analyses.

### Badisches Tagblatt

*Intern & Part-time Staff Writer*

Baden-Baden

07/2004–2005

Internship and later part-time staff writer with a focus on local politics. Training in news photography.

## Honors and Awards

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**2010–2014:** EPSRC and departmental stipend for the duration of my DPhil studies

**2006:** Nominated for the British Student of the Year Award

**2006:** Mary Somerville Prize for First Class Honours in Oxford

**2005:** University Prize for a First Class Degree in Part A Finals.

**2005:** Scholarship to the International Business Today Conference, New York.

**2004–2006:** Cobbe Scholarship of Somerville College, University of Oxford.

**2004:** University Prize for a First Class Degree in Honour Moderations.

## Languages

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**German:** native

**English:** fluent

**French:** advanced

**Latin & Greek:** Great Latinum & Gracum

*German qualifications for ancient languages.*

## Positions of Responsibility

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### German Federal Elections

*Deputy Election Supervisor*

2009

Served as deputy chair of the group supervising the 2009 German federal elections in my district.

### EC Stage Committee

*Auditor*

2007

Elected member of the Court of Auditors, responsible for auditing and supervision of all financial transactions of the stage committee and various subcommittees during the traineeship.

### Oxford Union

*Chairman of Consultative Committee*

2005

Responsible for the publicity of the Oxford Union Society. Organised visits of a number of guests to the society. Chaired the general member's assembly of one of Oxford's largest societies.

### Cherwell

*News Contributor*

2005

Wrote articles for the Oxford student newspaper *Cherwell*.

### Baden-Baden

*Youth Council Member*

2001–2002

Elected member of the Baden-Baden Youth Council. Responsible for organising various major events in the town.

## Interests

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**Music:** Played piano and/or guitar in several bands.

**Modern Pentathlon:** Swimming, Shooting, Fencing, Running, Equestrian.

**Debating:** Represented Oxford at various debating competitions throughout the UK.

## Publications

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- 7 Karl Moritz Hermann and Phil Blunsom. Multilingual Distributed Representations without Word Alignment. In *Proceedings of ICLR*, April 2014.
- 6 Karl Moritz Hermann, Edward Grefenstette, and Phil Blunsom. "not not bad" is not "bad": A distributional account of negation. *Proceedings of the ACL Workshop on Continuous Vector Space Models and their Compositionality*, August 2013.
- 5 David Chiang, Jacob Andreas, Daniel Bauer, Karl Moritz Hermann, Bevan Jones, and Kevin Knight. Parsing Graphs with Hyperedge Replacement Grammars. In *Proceedings of ACL*, August 2013.
- 4 Karl Moritz Hermann and Phil Blunsom. The Role of Syntax in Vector Space Models of Compositional Semantics. In *Proceedings of ACL*, August 2013.
- 3 Bevan Jones, Jacob Andreas, Daniel Bauer, Karl Moritz Hermann, and Kevin Knight. Semantics-Based Machine Translation with Hyperedge Replacement Grammars. In *Proceedings of COLING 2012*, December 2012. First four are joint first author in randomized order.
- 2 Karl Moritz Hermann, Chris Dyer, Phil Blunsom, and Stephen Pulman. Learning Semantics and Selectional Preference of Adjective-Noun Pairs. In *Proceedings of \*SEM 2012*, June 2012.
- 1 Karl Moritz Hermann, Phil Blunsom, and Stephen Pulman. An Unsupervised Ranking Model for Noun-Noun Compositionality. In *Proceedings of \*SEM 2012*, June 2012.