

# Curriculum Vitae

AMIN COJA-OGHLAN

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## PERSONAL DATA

Born February 12, 1975 in Hamburg, Germany. Citizenship: German.

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## EMPLOYMENT

- since 2/2008 *Reader* (=associate professor) in Algorithms and Complexity, School of Informatics, University of Edinburgh, UK.
- 2/2007–  
1/2008 Research scholar at the Department of Mathematics, Carnegie Mellon University. Funded by a *Heisenberg* fellowship of the German Research Foundation.
- 4/2006–  
1/2007 Postdoctoral researcher, research group *Algorithms, structure, randomness* (supported by the German Research Foundation), CS Department, Humboldt University Berlin, Germany.
- 10/2003–  
3/2006 Visiting professor, CS Department, Humboldt University. Head of the “Algorithms and Complexity” group. Taught both graduate and undergraduate courses on various areas of Computer Science and Discrete Mathematics. In charge of proposing grants as well as supervising several projects supported by the German Research Foundation.
- 10/2001–  
9/2003 Postdoctoral researcher, research group *Algorithms, structure, randomness*, CS Department, Humboldt University.
- 1/2000–  
9/2001 Research/Teaching Assistant, University of the Federal Armed Forces, Hamburg.
- 10/1997–  
1/2000 Teaching Assistant, Department of Mathematics, Freie Universität Berlin, and Department of Mathematics, University of Hamburg.

## AMIN COJA-OGHLAN

### EDUCATION

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- 7/2005 *Habilitation* (German postdoctoral degree) in Computer Science, Humboldt University. Thesis: *Spectral techniques, semidefinite programs, and random graphs*.
- 10/1999–  
1/2002 Ph.D. in Mathematics, University of Hamburg.  
Thesis: *The concepts of variance and expectation in operator algebras* (probability theory/functional analysis).
- 2001–2003 Student of Computer Science, University of Hamburg.  
Degree conferred: M.S. Thesis: *Algorithms for semirandom graph problems*.
- 1997–1999 Student of Mathematics, Freie Universität Berlin.  
Degree conferred: M.S. Thesis: *Computing cubic Euclidean number fields*.
- 1994–1997 Student of Computer Science, University of Hamburg and Humboldt University, Berlin.
- 1994 High school degree, Wichern high school, Hamburg.

### GRANTS

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- 2008 Submitted the proposal *Random structures, spin glasses, and efficient algorithms* to the UK Engineering and Physical Sciences Research Council.
- 2006 *Heisenberg* advanced researcher fellowship awarded by the German research foundation.
- International Joint Project* funded by the Royal Society (UK). Jointly with Colin Cooper, King's College London.
- Postdoc stipend, International Computer Science Institute, Berkeley, CA, USA (granted but not used).
- 2003–2005 Contributed significantly to the successful grant proposals for the graduate program “Modern methods for discrete structures”, the research center MATH-EON for applied mathematics, and the project “Algorithms, structure, randomness” (all funded by the German research foundation).

### GRADUATE STUDENTS

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Michael Behrisch (Ph.D., finished in April 2007)  
Julia Böttcher (M.S., finished in December 2004)  
Lukas Dölle (M.S., finished in December 2005)  
Lars Kuhtz (M.S., finished in September 2004)  
Jan Seidel (M.S., finished in July 2003)

## AMIN COJA-OGHLAN

### FURTHER ACTIVITIES

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- 2008 Invited speaker at the graduate school *New algorithmic paradigms in optimization* (ETH Zurich, Switzerland).
- 2006 PC member, *RANDOM 2008* (MIT, Cambridge, MA).
- 10/2006 Organizer of the workshop *Algorithms for the SAT problem*, Humboldt University, Berlin (with Stephan Kreutzer).
- 2006 PC member, *RANDOM 2006* (Barcelona, Spain).
- 3/2005 Organizer of the workshop *Random graphs and probabilistic methods*, Humboldt University (with Mihyun Kang).
- 10/2003 Organizer of the workshop *Randomness in the design and analysis of algorithms*, Konrad Zuse Center, Berlin (with Sven O. Krumke).
- 7/2003 Organizer of the *31st Berlin algorithm day*, Humboldt University (with Hans Jürgen Prömel).

### SELECTED TALKS AND RESEARCH VISITS AT . . .

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DIMACS (2008), University of Warwick (2008), University of Madeira (2008), ETH Zürich (2006/7/8), Dagstuhl (2005/7/8), Georgia Tech (2007), Santa Fe (2007), UC Santa Cruz (2007), University of Bonn (2007), King's College London (2006), University of Liverpool (2006), Oberwolfach (2004/6), University of Poznań (2002, 2004, 2005, and 2006), University of Dortmund (2005), University of New Mexico (2003), University of Göttingen (2003), Chemnitz University of Technology (2003)