

ADAM G. A. OBENG

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COMPETENCIES

Computational social scientist with academic, industry and government experience of applying statistical, machine learning, data-mining and social network analysis techniques to understand and predict human behaviour.

EDUCATION

<i>Doctor of Philosophy in Sociology</i>	<i>2014 – 2017</i>	Columbia University in the City of New York Awards: Paul F. Lazarsfeld Fellowship · Adviser: Prof. Peter BEARMAN
<i>Master of Arts in Sociology</i>	<i>2012 – 2014</i>	Columbia University in the City of New York Awards: Paul F. Lazarsfeld Fellowship
<i>Master of Science in Sociology</i>	<i>2011 – 2012</i>	Nuffield College, University of Oxford Second Class, Division One (2:1) · Awards: Nuffield Funded Studentship · Adviser: Dr. Wojtek PRZEPIORKA
<i>Bachelor of Arts in Philosophy, Politics, and Economics</i>	<i>2007 – 2010</i>	St. Anne's College, University of Oxford Second Class, Division One (2:1) · Awards: Gibbs Thesis Prize for Politics · Adviser: Prof. Peter HEDSTRÖM

EMPLOYMENT

<i>Research Intern</i>	<i>May–Aug 2014</i>	Microsoft Research New York City SURVEY METHODOLOGY. Developed data collection platform and analysis software to estimate population parameters with non-probability sampling.
<i>Research Assistant</i>	<i>2011–2012</i>	DPIR, University of Oxford DIGITAL HUMANITIES. Measured the evolution of patterns of interpersonal interaction recorded in structured textual data.
<i>Frontend Web Developer</i>	<i>2011–2012</i>	Faculty of English, University of Oxford DIGITAL HUMANITIES. Developed interactive website for University-wide Old English class, generating inline translations from structured bilingual text.
<i>Intern</i>	<i>Jul–Sep 2011</i>	Oxford University Computing Services MULTIMEDIA EPUB. Developed eBook authoring software combining multiple audio, visual and textual representations of Old and Middle English texts.

SKILLS

<i>Programming Languages</i>	Python (primary language), R, JavaScript, XQuery/XPath/XSLT, Pig
<i>Platforms and Frameworks</i>	Amazon Web Services TM EC2, S3, EBS, EMR, AMT; Hadoop
<i>Natural Languages</i>	ENGLISH, FRENCH · Mother tongues SPANISH · Basic
<i>Twitter projects</i>	HackNY Hackathon-winning tweet-shortening tool · RSS-based twitter client