

# Rob Levy

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## PROFILE

Teacher, facilitator, quantitative researcher, data scientist, visualisation/GIS expert, maths whizz, language-learner and blogger. I'm a genuine mix of techie *and* people person, and enjoy combining these two sides of me in work which is technically challenging, creative, collaborative and communicative.

## EXPERIENCE

### UCL | PHD AND POSTDOC

May 2012 – Present | London

- Created a new model of the global economy combining input-output models and several trade models
- Worked in Python, using the Pandas data analysis library
- Taught seminars and lectured in Economics and Maths
- Organised and managed project database (around 200 million rows of trade and economic data)
- Facilitated conference sessions at the Royal Society and in the university
- Created interactive web visualisations such as [tinyurl.com/rlmodel](http://tinyurl.com/rlmodel)
- Did some mapping/visualisation work such as [tinyurl.com/rlafrica](http://tinyurl.com/rlafrica)

### CITI | DATA ANALYST

Oct 2011 – Mar 2012 | London

- Designed and built Access databases for incremental loading of management information relating to Citibank's transactions worldwide

### ALLIANZ GLOBAL INVESTORS | DATA CONSULTANT

Jun 2010 – Sep 2010 | Frankfurt, Germany

- Created a SQL-Server database to store and manage financial data and to generate and record trades made via the Bloomberg financial trading system
- This role was concurrent with my MSc

### ACCENTURE | ANALYST

Feb 2008 – May 2009 | London

- SQL Server database design, querying and reporting
- Access front-end design and implementation
- VBA development in Excel and Visio
- Database performance analysis

### DATASCOPE RECRUITMENT | DATABASE ENGINEER

July 2007 – Jan 2008 | London

- Database consultancy, design and implementation
- Database front-end design
- Website coding (HTML and CSS)

## AWARDS

- 2013 Outstanding contribution to teaching – Economics dept. UCL
- 2009 GRE test – Verbal: 600 (85th %-ile), Quantitative 800 (94th %-ile)
- 2007 Certificate of English Language Teaching to Adults (CELTA)

## SOCIETIES

- 2014 Chairman University of London Chamber Choir
- 2014 Performer Bright Club stand-up comedy for academics

## SKILLS

### CODING

Skilled:

ArcGIS • Python • JavaScript (D3.js data-viz) • Databases (SQL, SQLite, PostgreSQL)

Visual Basic • Java • LaTeX

Experience of:

HTML • CSS • PHP • R

### TEACHING

Lectured and designed courses in Maths and Economics.

CELTA-qualified experienced English teacher.

### LANGUAGES

English (native) • German (advanced)  
• French (working proficiency)

## EDUCATION

### UCL

2012-2015 | London

PHD GLOBAL MATHEMATICAL MODELLING

Economic modelling, Data, Mapping/GIS, Visualisation, Python, Javascript

### FRANKFURT UNIVERSITY

MSC QUANTITATIVE ECONOMICS

2011 | Frankfurt, Germany

Econometrics, macro, micro

Dissertation on natural disasters and economic development.

### WARWICK UNIVERSITY

MENG ELECTRONIC ENGINEERING

2004 | UK

2:1

### HILLS ROAD COLLEGE

A-LEVELS

Maths, Physics, Chemistry

1999 | Cambridge, UK

Three 'A' grades

## LINKS

Github:// [roblevy](#)

LinkedIn:// [robertgrahamlevy](#)

StackOverflow:// [londonrob](#)

Twitter:// [@DataDrivenEcon](#)