BASTIAAN QUAST
HTTP://QUA.ST/

Department of International Economics
The Graduate Institute
Geneva, Switzerland

Employment

2015–16   ECONOMIST FELLOW
The Internet Society, Geneva | Paper on exogenous increase in availability of local language content and internet adoption (EEA conf. 2016). Report "Promoting Local Content in Africa". Report on Internet Adblocking Insentive Structures.

2014–15   RESEARCH ASSISTANT
Centre on Conflict, Development and Peacebuilding, The Graduate Institute, Geneva. | Direction a large scale representative baseline survey of Conakry (Guinea) population. Analysis of a survey for the Canton of Geneva. Collaborate with the "Institute Nationale du Development Humaine" (govt. Morocco) on a survey on behaviour and community relations, using a Regression Discontinuity Design Identification Strategy.

2013-14   RESEARCH ASSISTANT
Centre for Finance and Development, The Graduate Institute, Geneva | Provided Research Design support. Redesigned the website.

2013-14   TEACHING ASSISTANT
The Graduate Institute, Geneva | Teach weekly Statistics workshop to 30 master students.

2009   RESEARCH ASSISTANT
Department of Economics and Business, University of Groningen

Education

2012–16   THE GRADUATE INSTITUTE
Doctor of Philosophy in Development Economics, Defence in September 2016

2010–12   UNIVERSITY OF ST. GALLEN
Master in Quantitative Economics and Finance

2006-10   UNIVERSITY OF GRONINGEN
Bachelor of Science in Economics

2006-10   UNIVERSITY OF GRONINGEN
Bachelor of Arts in Theoretical Philosophy

Research Interests

Internet and Telecommunications Dissemination

Microeconometric Estimators

Artificial Neural Networks (for time series, using Python & R)

Distributed Systems: e.g. Blockchain (Bitcoin)

Complexity Modeling

Research Publications

2015   "decompr: GVC decomposition in R" *CTEI Working Paper Series*

2014   "Cryptocurrency and Inflation" *CFD Working Paper Series*

Conference Publications

2016   "Making the Next Billion Demand Access: The Local-Content Effect of `google.co.za` in Setswana" *EEA 2016*

2013   "Urban Violence and Collective Efficacy in Karachi and Dhaka" Pictet Foundation / Centre for Finance and Development Conference 2013 -

Software Publications

2016   `rnn` *CRAN.* First Recurrent Neural Network in the R language.
        https://cran.r-project.org/package=rnn

2015   `rddtools` *CRAN*. Framework and tools for Regression Discontinuity Design.
        https://cran.r-project.org/package=rddtools

2015   `learNN` *CRAN*. Learn how Neural Networks works.
        https://cran.r-project.org/package=learNN

2014   `decompr` *CRAN*. Global Value Chain decomposition.
        https://cran.r-project.org/package=decompr

2014   `gvc` *CRAN*. Tools for Global Value Chain analysis.
        https://cran.r-project.org/package=gvc

2014   `wiod` *CRAN*. Data package containing the World Input Output Database.
        https://cran.r-project.org/package=wiod

2014   `diagonals` *CRAN*. Tools for manipulating fat-diagonal matrices (e.g. block matrices).
        https://cran.r-project.org/package=diagonals

Other Publications

2014   Diagnostic Local de Sécurité 2014 de Conakry (Guinée) *Coginta*

2013   Diagnostic Local de Sécurité 2013 de Genève (Suisse) *Coginta*

Affiliations

Centre for Finance and Development; The Graduate Institute, Geneva

Centre on Trade and Economic Integration; The Graduate Institute, Geneva

Centre on Conflict, Development and Peacebuilding; The Graduate Institute, Geneva

The Internet Society