Nicholas E. Reith

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PROFILE

Data scientist with a strong background in statistical research, programming, large dataset management, analysis and visualization. Sociologist experienced in summarizing quantitative methods and analyses for non-technical audiences.

SKILLS AND INTERESTS

Programming: EXPERT: R, Stata, LaTeX.   PROFICIENT: Python, Bash, SQL, Tableau, ArcGIS, Git, HTML

Data Skills: Data cleaning; Missing data/imputation; Big data; Networks; Geo-Spatial; Visualization

Quantitative Methods: Regression techniques (Multivariate, Categorical, Structural and simultaneous equations, Event history/Survival analysis, Multi-level/Hierarchical linear, Time-series/Longitudinal, and Spatially-weighted), Diagnostics, Research design, Network analysis, and Genetic algorithms

Languages: Fluent in **French, Spanish** and **Arabic**.

EDUCATION

Ph.D., University of Texas at Austin (Sociology)   Expected August 2016
· Dissertation: *"Missing Data": Revising Political Sociology with Overlooked Data*
· Four published journal articles; two articles under review; and five conference presentations.

Fulbright Fellowship (Damascus, Syria)   2004-2005

M.A., Georgetown University (Arab Studies/Politics), *with Honors & Cum Laude*   2004

B.A., New York University (French, Spanish, Religious Studies), *with Honors & Magna Cum Laude*   2002

Additional study: *L'Institut Français du Proche-Orient* (Damascus), Columbia University
  (New York), *L'Institut Catholique* (Paris), and *Instituto Internacional* (Madrid)

Honors & Awards: Scholarships for B.A., M.A. and Ph.D., and numerous fellowships including Fulbright.

RECENT EXPERIENCE

TeXpert @ `Overleaf.com`   2014-2016
· Provided technical support to LaTeX users.
· Designed LaTeX templates.

Teaching Assistant @ The University of Texas at Austin   2012, 2014, 2016
· Taught advanced statistics & programming to Ph.D. students.

Research Assistant & Statistical Consultant @ The University of Texas at Austin   2011-2016
· Lead programmer and research assistant/consultant on a number of projects with
  Professors Pamela Paxton, Kishore Gawande, and Alexander Weinreb.
· Managed/cleaned large datasets, including survey, network, and machine-coded, spatial data.
· Conducted advanced statistical analyses including multi-level, spatial and network analysis.
· Wrote-up and presented technical methods and statistical results for a diverse audience.
· Provided data and statistical consulting advice to other Professors and Graduate Students.

Special Assistant & Senior Researcher @ The United Nations Development Programme   2005-2010
· Policy/program advisor. Speech/grant/report writing. Diplomatic liaison. Strategic planning.
  Program management. Monitoring and evaluation. Capacity development. Curriculum design.