Eric & Wendy Schmidt
Data Science For Social Good
Summer Fellowship
THE UNIVERSITY OF
CHICAGO

👤 **rucker.mark+interested@gmail.com**   📝 **Applications**

Application - 2016 DSSG Fellowship Application p.2   [Save]

* = Required field

Experience, Interests, and Expertise

We're looking for people with diverse and multidisciplinary expertise. You don't have to be an expert in all of the areas below but we want to know about your strengths and weaknesses so we can get the right mix of fellows.

Typical degrees of previous fellows have been in Computer Science, Statistics, Math/Applied Math, Physical Sciences, Social Sciences, Economics, Public Health, and Public Policy but we're open to other fields as well. We want people who are quantitative, analytical, and care about the world.

Rate your proficiency in the following areas

Computer Programming	[▼]
Computer Science (Algorithms, Data Structures, etc.)	[▼]
Statistics	[▼]
Machine Learning	[▼]
Social Science (Economics, Sociology, Political Science, etc.)	[▼]
Experience working on real-world problems using data	[▼]
Experimental Methods (RCTs, A/B testing, etc.)	[▼]
Data Manipulation Skills (SQL, Data ETL)	[▼]
Visualization	[▼]

Programming Languages: Rate your proficiency in these languages

Python	[▼]
Java	[▼]
C/C++/C#	[▼]
Other	[▼]

Tell us more about your coding experience?
You don't need to be an expert coder to be part of DSSG but we want to know your skills so we can put the right teams together for each project.

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Analysis tools: Rate your proficiency in data analysis tools/languages

R	[▼]
SQL	

	[dropdown ▼]
Matlab	[dropdown ▼]
SAS	[dropdown ▼]
SPSS	[dropdown ▼]
Stata	[dropdown ▼]
Julia	[dropdown ▼]
Other	[dropdown ▼]

Tell us more about your experience with data analysis tools?

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Statistics & Machine Learning Methods: Rate your proficiency in using these types of models

Regression Models	[dropdown ▼]
Decision Trees	[dropdown ▼]
SVMs	[dropdown ▼]
Random Forests	[dropdown ▼]
Neural Networks	[dropdown ▼]
Time Series Models	[dropdown ▼]
Unsupervised Models	[dropdown ▼]
Semi-Supervised Models	[dropdown ▼]
Graphical Models	[dropdown ▼]
Other	[dropdown ▼]

Tell us more about your experience with data analysis and machine learning algorithms and methods?

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Quantitative Social Science Methods: Rate your proficiency in:

Casual Inference	[dropdown ▼]
Matching (Propensity Score Matching for example)	[dropdown ▼]
Instrumental Variables	[dropdown ▼]
Regression Discontinuity	[dropdown ▼]
Detecting and Using Natural Experiments	[dropdown ▼]
Other	[dropdown ▼]

Tell us more about your experience with quantitative social science methods?

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Types of Data: Rate your experience working with the following types of data

Data in Text (csv, tsv, etc.) Files	[▼]
Data in Relational Databases	[▼]
Text Data (NLP, Classification, Information Extraction)	[▼]
Network/Graph Data	[▼]
Multimedia Data (Video or Audio)	[▼]
Data from Sensors	[▼]
Data > 1TB	[▼]
Other	[▼]

Tell us more about your experience with using data? What type of data are you most experiences and comfortable with? Text files? databases? natural language text data? graphs/networks? images? multimedia?

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