Chris Mulligan

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SUMMARY

I'm seeking a **full time** position in data science in NYC, beginning around February, 2016;
after I graduate from Columbia's Statistics MA program.

EDUCATION

Columbia University

Master of Arts	**Statistics**	*expected* December 2015
Bachelor of Arts	**Computer Science**; concentration in **Economics**	May 2015

GPA	**3.818** *magna cum laude*
Awards	Phi Beta Kappa.
	Alumni Key Award, given to a GS senior who is distinguished in both academics and service/leadership.
	Andrew P. Kosoresow Memorial Award for Outstanding Performance in TA-ing.
	John J Brown ('12-13), *Ward H Dennis* ('13-14), and *J & N Preziosi* ('14-15) Academic Scholarships.
Service	Columbia Data Science Society, co-Founder, President. Spring 2013 - Present.
Teaching	TA: STAT 4400 Statistical Machine Learning. Fall 2015.
	Head TA: COMS 3157 Advanced Programming (C/C++, UNIX). Fall 2013 - Spring 2015.

EXPERIENCE

Data Scientist (Intern) — The New York Times   Summer 2015

· Used machine learning to optimize distribution of retail newspapers. Automated content based online advertising for international expansion.

Quantitative Researcher (Intern) — Facebook   Summer 2014

· Conducted research on Facebook advertising as part of the Advertising Research team within Marketing Science.
· Built data pipelines and analysis using both internal and public tools, including Hive, Presto, and R.

Data Intern — Kickstarter via **hackNY Fellowship**   Summer 2013

· Began a framework for integrating predictive models into kickstarter.com.
· Built a risk detection model to preemptively detect malicious user projects.

Director of Analytics — YouGov   2008 - 2011
Following YouGov's acquisition of Polimetrix

· *Panel Management* and *Analysis*: Analyzed and improved YouGov's panel of over one million online survey respondents. Optimized panel recruitment, representativeness, and ROI.
· *Survey Execution:* Provided representative samples for YouGov's high value US projects, including *The Economist*, CBS News, the Cooperative Congressional Election Study, and BrandIndex.
· *Software:* Collaborated on YouGov's proprietary panel and survey management software. Built internal tools to improve panel management analysis & workflow.

Voter Database Administrator — Polimetrix   2005 - 2008
Prior to YouGov's acquisition of Polimetrix

· *Voter Databases:* Designed, managed, and built Polimetrix's database of all US voters.
· *Project Management:* Managed internal & client data projects.
· *Software Development:* Managed & contributed to projects including record linkage, and address standardization.
· Consulting, polling, and micro-targeting for several voter registration and election campaigns.

Database Administrator — America Coming Together   2004 - 2005

· Used ACT's 63 million person voter & consumer database to support ACT's $100m turnout and advocacy effort, including system administration, voter analysis, targeting, and list creation.

TECHNICAL STRENGTHS

Programming Languages	**Python**, **C**, C++, Java
Statistical Analysis	**R** and **Python**, basic MATLAB
Databases	**SQL**, including **Hive**, Presto, PostgreSQL, Microsoft SQL, MySQL