KYLE SCHMIDT

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EDUCATION

Columbia University   *February 2014*
B.A. in Applied Mathematics
Treasurer of Columbia College Student Council
Member of Columbia University Men's Heavyweight Rowing Team
Jerry and Evelyn Bishop Scholar

EXPERIENCE

Kepler Group   October 2014 - Present
Data Engineer   *New York, NY*

· Architect and engineer scalable SQL databases, Hadoop Distributed File Systems, and microservices that facilitate seamless data transfers, maintain data integrity, and incorporate intelligent business logic.
· Conduct ad-hoc analytical support as well as construct internal software products for Kepler's marketing teams in order to determine campaign performance and guide optimizations.

Marketing Management Analytics (MMA)   March 2014 - October 2014
Statistical Analyst   *New York, NY*

· Composed marketing mix models to drive measurable improvements to clients' marketing ROI by identifying and quantifying the short and long term impact of marketing, promotion, pricing, operational, competitive and economic conditions on their business.
· Integrated information systems and statistics to build predictive models to forecast sales and revenue using R, SAS, and Microsoft Excel.

Dataminr   September 2013 - December 2013
Product Intern   *New York, NY*

· Performed client analysis of user behavior as well as endorsement analysis of the voting team.
· Documented bugs for product development.
· Code review and project management of the Agora platform that enables machine learning to tag and describe associated companies for breaking stock market news via Twitter Tweets.

Columbia Business School   January 2013 - August 2013
Research Assistant   *New York, NY*

· Analyzed degrees of separation of lexicon between economic sectors using k-nearest neighbors, regression analysis, and numerical methods in the R computer language in order to associate sociological commonalities with stock performance.
· Created weekly research updates in order to facilitate collaboration among the research team.

TECHNICAL STRENGTHS

Computer Languages	Python, Hive, R, MATLAB, Common Lisp
Protocols & APIs	XML, JSON, REST
Databases	Hadoop, MySQL
Tools	Vim