

# ANDREW MULLINS

## Graduate Student and Analytics Professional

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### Profile

**Young professional with strong programming skills, passion for data analysis, an excellent academic record and real world work experience.** Offers exceptional organizational abilities and a proven talent for quickly understanding complex systems. Strong statistical, analytical and technical abilities. Exceptional work ethic and team spirit.

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### Education

#### Master of Science in Statistics, GPA 3.85

University of Georgia, Athens, GA, August 2014 to Present (Expected Graduation in May 2016)

#### Bachelor of Arts in Mathematics, GPA 3.47 (3.67 in Major), Concentration in Statistics

St. Olaf College, Northfield, MN, May 2011

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### Related Experience

PUPPET LABS, INC., Portland, or, May 2015 to August 2015

#### BizOps Data & Analytics Intern

- Created reports and performed analysis on lead routing and qualification process that led to led to an improvement that reduced the volume of low-value leads assigned to sales representatives
- Contributed to team and organization Github repositories
- Developed Ruby code to extend the capabilities of a custom reporting platform drawing in data from Salesforce, Zendesk, Google Analytics, etc
- Updated documentation for setting up a local Ruby and PostgreSQL development environment
- Worked with support team to develop new metrics, implemented code to generate emails surfacing these metrics and deployed to production environment
- Identified gaps in business process flows and developed reports, field constrains and new processes to bridge them
- Wrote code to perform batch updates of customer support entitlements, latitude and longitude and other fields in Salesforce
- Wrote reusable code to analyze sales funnel data, identifying lead sources of closed opportunities and measuring average time spent in various funnel stages

UNIVERSITY OF GEORGIA, Athens, GA, August 2014 to Present

#### Teaching Assistant, Department of Statistics

- Mentors students participating in a year-long course that exposes undergraduate students to advanced statistical techniques, experience working with real-world data and managing a relationship with a client
- Assist in the running and planning of the statistics department undergraduate capstone project
- Help students with homework, test preparation and clarification of class topics.

ACHIEVEMENT FIRST, Brooklyn, NY, August 2012 to August 2014

#### Fellow, Team Data

- Owned a 9-month project to overhaul and refine reporting for a ground-breaking teacher evaluation program.
- Produced extensive documentation for my own work and existing systems
- Created 20 unique dynamic Tableau reports that effectively summarize classroom growth for several hundred teachers across all grades and subjects
- Designed and configured a Microsoft SQL Server solution that reduced 200 hours of manual data processing to a roughly 4 hour configuration process
- Provided guidance for interpretation of value-added results for a non-technical audience
- Developed a data collection system to save time and ensure accuracy of high-stakes student achievement data
- Interviewed potential users, learned new technology and developed policy for effective usage of visualizations and tools

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### Of Interest

**Technical skills:** R, Python, Ruby, SQL (Microsoft and Postgres), SAS, Tableau, Microsoft Excel

**Statistical Skills:** Statistical Computing, Linear Models, Time Series, Sampling Methods, Design of Experiments