

**Dr. June Andrews**  
Staff Data Scientist, LinkedIn  
San Francisco, CA

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june@juneandrews.com  
<http://github.com/redheadjune>  
@DrJuneAndrews  
Cell: (415)906-9228

## Research and Work Experience

- **Noom** New York, NY  
*Principal Data Scientist* 2015 - current
- **LinkedIn** Mountain View, CA  
*Staff Data Scientist & Tech lead* Sept 2013 - June 2015
  - Helped hire, onboard, and assist a team of 11 data scientists working on consumer analytics.
  - Embedded data scientist in the Growth Team to systematically identify, scope, and experimentally test areas of opportunity.
  - Expertise of LinkedIn products includes: Connections, Follows, User Engagement, Registration, & User Adoption
  - Expertise of Social Economic areas includes: Industry Adoption of LinkedIn, Health Care Industry Interactions, Job Referrals, Viral Content, & Gender Balance
  - Data Prototypes: Delphi, What You Missed, Follows
- **Yelp Inc** San Francisco, CA  
*Search and Data Engineer* June 2012 - Aug 2013
  - Building the data management and metrics for User Engagement and User Happiness
  - Experimental Improvements to Search Result Rankings using
  - Building tools for analyzing the impact of experiments.
  - Data Prototypes: Query Normalizer, Human Search Evaluator, and Personalized Search
- **Facebook Inc** Palo Alto, CA  
*Growth and Product Insights Intern* Summer 2011
  - Experiments and end-to-end modifications of facebook.com
  - Analyzed acceleration and deceleration of user engagement with Facebook.
- **Cornell University** Ithaca, NY  
*Research with Prof. John Hopcroft* 2010-2012
  - Advanced metric design and community detection. Produced insights in community evolution, information transferal, and voting patterns. Specifically in large social networks.
- Head Teaching Assistant for Java and Discrete Math* 2011 - 2012
  - Supported 30 undergraduate teaching assistants for managing 600+ students.
- Course Lecturer for Functional Programming and Data Structures.* Summer 2010
  - Constructed and taught the second of three foundational computer science courses.
- Research Assistant under Prof. Alexander Vladimisky* 2007-2009
  - Research to minimize response times of ambulances, with the Hamiltonian-Jacobi PDE

- **University of California, Berkeley** Berkeley, CA  
*Research Assistant under Prof. James Sethian* 2005-2007  
 – Created variations of the Traveling Salesman Problem. Solved adaptations with PDEs.
- **San Diego Supercomputer Center** San Diego, CA  
*NSF REU Research Assistant under Amit Majumdar* Summer 2005  
 – Research on parallel data transfer for real time computation of brain deformation.

## Education

- **Cornell University** Ithaca, NY  
*Ph.D. Applied Mathematics* 2007 - 2012  
 – National Science Foundation Graduate Fellow (Full Scholarship, 3 years)
- **University of California, Berkeley** Berkeley, CA  
*B.Sc. Electrical Engineering and Computer Science, minor in Applied Math* 2003 - 2007

## Skills

- **Current Coding:** Python(advanced), Map-Reduce frameworks(advanced), Pig, HIVE, JavaScript
- **Past Coding:** Java, Hadoop, C/C++, MPI, Matlab, Scheme, Assembly, R
- **Network Analysis:** Social & Economic Trends in Networks, Structure of large networks
- **Numerical Analysis:** Optimization, PDEs, Linear Algebra, Iterative and Non-Iterative Methods
- **Computer Science:** Parallel Programming Paradigms, Data Structures, Networks, Algorithms
- Diverse background in Math and CS, for contributing to a wide set of data intensive applications.

## Selected Talks and Publications

- **Social Media & Web Analytics:**  
*Keynote: Search, Growth, & Engagement Metrics: Snake Oil or Northstars* April 2015  
 – <http://youtube.com/watch?v=Ij-jo4zfwVk>
- **Strata:**  
*Economic Insights from LinkedIn's Professional Network* Feb. 2015
- **Venture Beat Webinar:**  
*Big data, big money how four companies are mining data for major innovation.* Dec. 2014
- **PNAS**  
*Fast Marching Methods for the continuous Traveling Salesman Problem* Jan. 2007

## Personal

- **Hobbies:** Home Improvement, BBQs, Gardening, Puppies, Cooking, Foosball, Running, Backpacking, and the exploration of craft beer!
- **Ideal Position:** Being in the midst of passionate, creative people challenging what can be done.