

Skye Bender-deMoll

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Employment

- 2006-2016 R package developer and visualization consultant for the **statnet** network modeling project. Authored tools for temporal network analysis and exporting HTML5 network animations. Developed techniques for mapping the spread of HIV in statistical models of dynamic networks. [▶ http://statnetproject.org/](http://statnetproject.org/)
[▶ https://cran.r-project.org/package=ndtv](https://cran.r-project.org/package=ndtv)
✉ Dr. Martina Morris, 206 Raitt Hall, University of Washington, Seattle, WA, 98195
- 2007-2016 Visualization developer for **Oil Change International** building a network mapping web tool. Collaborated on an interactive web-application for viewing relational information about oil companies and politicians extracted from FEC campaign contribution data. [▶ http://dirtyenergymoney.com/](http://dirtyenergymoney.com/)
✉ Stephen Kretzmen, 2228 12th PI NW, Washington DC, 20009
- 2009 Developer with **CorpWatch.org** to construct a parsing system for SEC filings to build a database of ~1 million U.S. corporate subsidiary relations and provide the data via an API. Co-developed a web application to browse the hierarchies over time. [▶ http://api.corpwatch.org](http://api.corpwatch.org)
[▶ http://croctail.corpwatch.org](http://croctail.corpwatch.org)
- 2008 Consultant on data extraction, integration and visualization for **Stanford University's Mimir Project** to analyze interdisciplinary publishing and collaboration patterns of faculty. [▶ http://mimir.stanford.edu](http://mimir.stanford.edu)
✉ Dr. Dan McFarland, 486 Lausen Mall, Stanford, CA 94305
- 2008 Network mapping consultant to the **AAAS Science and Human Rights Program**. Authored report to program director Dr. Mona Younis on potential human rights uses of network analysis and visualization. ✉ Dr. Mona Younis, American Association for the Advancement of Science, 1200 New York Ave. NW, Washington, DC 20005
- 2004 Developer with **Advanced Technology Assessment**, a competitive intelligence startup. Leading member of programming team designing Java-based visualization tools for mining dynamic relational information from databases of biomedical publications and patent data. ✉ Dr. Massimo Riccaboni, ATA S.P.a Via di Piaggia 2A, 55100 Lucca, Italy
- 2003 Research Associate with Dr. Dan McFarland, **Stanford University**. Developed the Social Network Image Animator open-source software for visualizing and animating time-based network data. [▶ http://sonia.stanford.edu](http://sonia.stanford.edu)

Education

- 2001 Bachelor of Arts from **Bennington College** with a major in Cultural Mechanics. Thesis title: Information transmission in social groups: communication, networks, and interaction. * Bennington College, Bennington VT 05201.

Selected Publications / Awards

Complete list at http://skyeome.net/wordpress/?page_id=821

- Skye Bender-deMoll, Martina Morris, James Moody (2008) "Prototype Packages for Managing and Animating Longitudinal Network Data: dynamicnetwork and rSoNIA" *Journal of Statistical Software*. Vol. 24, Issue 7.
- Skye Bender-deMoll and Daniel A. McFarland (2006) "The Art and Science of Dynamic Network Visualization" *Journal of Social Structure*. Vol 7, No 2.
- Moody, James, Daniel A. McFarland, and Skye Bender-deMoll. (2005). "Visualizing Network Dynamics." *American Journal of Sociology* Vol 110, No 4, pp 1206-41
- Co-developer of **unfluence.net**, website for network mapping campaign contributions, winning entry in the 2007 Sunlight Foundation Mashup Contest

Related links

LinkedIn:

<https://www.linkedin.com/in/skye-bender-demoll-134b0733>

StackOverflow Careers CV:

<http://stackoverflow.com/cv/skyebend>

Github:

<https://github.com/skyebend>

Personal blog:

<http://skyeome.net/wordpress>