

Emily Fuhrman

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## Education

<b>Northwestern University</b>	2014	MS, Predictive Analytics
<b>The College of William &amp; Mary</b>	2010	BA, English, Philosophy, <i>summa cum laude</i>

## Employment

### Huge

04 2014 – 03 2015, *Data Visualization Analyst*

Owner of new data visualization capability at Huge. Responsible for partnering with analytics, technology, design, and user experience teams to develop visual analytical applications. Worked closely with clients to design visualization concepts for both print and web. Selected clients: Google.

### AdFin

04 2012 – 04 2014, *Data Artist / UX Developer*

Responsible for designing the user interface of a dynamic analytics visualization terminal, from concept to production. Provided aesthetic and technical input on interactive visualizations throughout. Implemented static designs and visualization ideas in JavaScript. Acquired strong proficiency building interactive visualizations in D3.js.

### EMILY FUHRMAN

08 2012 –

Independent visualization and mapping consultancy focused on the design and development of data-driven graphics. Selected Clients: Chromat, Columbia University Department of History.

### Booz Allen Hamilton

07 2010 – 08 2012, *Advanced Analytics Consultant*

06 2009 – 08 2009, *Intern: Modeling, Simulation, Wargaming, & Analysis*

Responsible for designing and constructing Flash-based interactive data visualization tools. Created mockups and visualization concepts for lifecycle management platform and acquisition tracking dashboard. Selected clients: Air National Guard, U.S. Air Force, U.S. Navy.

## Honors and awards

2010	Phi Beta Kappa Prize (William & Mary Department of English)
2009	Phi Beta Kappa Society William & Mary Concerto Competition (First place, piano)
2006	James Monroe Scholar

## Independent research and residencies

2011	Tokamak Art Residency, Helsinki International Artist Programme	<i>Helsinki, Finland</i>
2009	James Monroe Scholarship Program: Summer Research Project	<i>Stockholm, Sweden</i>
2008	William & Mary University of Cambridge Summer Program	<i>Cambridge, England</i>

## Technical skills and proficiencies

### Languages

jQuery, JavaScript (D3.js), Processing. Working knowledge of: Python, R

**Markup languages**

HTML5, CSS. Working knowledge of: SASS

**Frameworks**

WordPress, Jekyll

**Software**

Adobe Creative Suite CS6 (Photoshop, Illustrator, InDesign)

**GIS**

Leaflet, TileMill. Working knowledge of: QGIS

**Natural languages**

English, native; French, intermediate

[Collaborations and research groups](#)**Columbia University Group for Experimental Methods in the Humanities**

Research Fellow. Contributed to the group an independent research project visualizing the compositional technique behind the "Sirens" chapter of James Joyce's *Ulysses*. Moderators: Manan Ahmed, Alex Gil, Frances Negrón-Muntaner, Dennis Tenen, & Grant Wythoff.

[Teaching experience](#)**HIST G8945, Borderlands Seminar (Prof. Manan Ahmed, S2015, Columbia University)**

Teaching Assistant. Responsible for guiding and helping students with Leaflet and QGIS.

[Talks](#)

"Visualizing Geographic Data." Columbia University Digital Social Science Center. New York, NY. 02 2015. Lecture.