

Emily Fuhrman

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## Education

**Northwestern University** 2014 MS, Predictive Analytics

**The College of William & Mary** 2010 BA, English, Philosophy, *summa cum laude*

## Employment

### Huge

04 2014 – *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. Selected clients: Google.

### AdFin

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

Designed and contributed to building the user interface of a dynamic analytics visualization terminal, from concept to production. Acquired strong proficiency building interactive visualizations in D3.js.

### EMILY FUHRMAN

08 2012 – *Data Visualizer*

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*

## Honors and awards

### 2010 Phi Beta Kappa Prize (William & Mary Department of English)

Annual prize given out by Phi Beta Kappa to honor a newly retired member of the W&M faculty.

Awarded to an accomplished student who has worked within or among Modernism, Queer Studies, Creative Writing, and/or the relationship between literature and the other arts.

### 2009 Phi Beta Kappa Society

#### First place, William & Mary Concerto Competition (piano)

Frédéric Chopin Piano Concerto No. 2 in f minor, Op. 21, Movt. 1. Performed with William & Mary Symphony Orchestra in Phi Beta Kappa hall.

### 2006 James Monroe Scholar

James Monroe Scholars are the most academically distinguished undergraduates at the College, representing the top five percent of the student body.

## Additional experience

### 2009 **James Monroe Scholarship Program: Summer Research Project**

Independent research focusing on philosophical currents in the dramatic works of Swedish modernist writer August Strindberg. Travel to Sweden, Denmark, and Germany.

### 2008 **William & Mary University of Cambridge Summer Program**

Five-week summer session at Christ's College at the University of Cambridge. Completion of two 3-credit courses emphasizing the works of Christopher Marlowe, E.M. Forster, and Virginia Woolf. Travel to England, Wales, and Belgium.

## 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

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 February 2015.