

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

<b>Huge Inc.</b>	04 2014 –	<i>Data Visualization Analyst</i>
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Owner of new data visualization capability at Huge. Responsible for partnering with analytics, technology, design, and user experience teams to develop visual analytical applications.  
Select clients: Google.

<b>AdFin</b>	04 2012 – 04 2014	<i>Data Artist / UX Developer</i>
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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 the D3.js JavaScript library.

<b>Freelance</b>	08 2012 –	
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Data visualization design, development, and consulting.  
Select clients: Chromat, Columbia University Department of History.

<b>Booz Allen Hamilton, Inc.</b>	07 2010 – 08 2012	<i>Advanced Analytics Consultant</i>
	06 2009 – 08 2009	<i>Intern: Modeling, Simulation, &amp; Analysis</i>

Select clients: U.S. Air Force, Air National Guard, U.S. Navy.

## 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**

2009 **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 and Belgium.

### Technical skills and proficiencies

**Fluent in:**

Adobe Creative Suite CS6

CSS

HTML5

JavaScript (D3.js)

Processing

**Working knowledge of:**

Python

R

### Collaborations and research groups

**Columbia University Group for Experimental Methods in the Humanities**

Member. 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.