

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, summa cum laude

## Employment

### Huge Inc.

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.

Select 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 the D3.js JavaScript library.

### Freelance

08 2012 –

Data visualization designer, developer, and consultant.

Select clients: Chromat, Columbia University Department of History.

### Booz Allen Hamilton, Inc.

07 2010 – 08 2012 *Advanced Analytics Consultant*

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

Built interactive Flex-based data visualization tools for government clients. Created data visualization mockups for use in analytic portfolio management tool and lifecycle management dashboard. Designed complex user interfaces enabling clients to organize and keep track of acquisition data. Acquired self-taught skills in HTML, CSS, JavaScript, ActionScript, and XML.

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

HTML5

CSS

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.