

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*

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WORK HISTORY

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. Clients: Google.

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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.

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. Clients: U.S. Air Force, Air National Guard, U.S. Navy.

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HONORS & 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.

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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.

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TECHNICAL SKILLS & PROFICIENCIES

Fluent in:

Adobe Creative Suite CS6, HTML5, CSS, JavaScript (D3.js), Processing

Working knowledge of:

Python, R

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COLLABORATIONS & 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.

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TEACHING EXPERIENCE**HIST G8945, Borderlands Seminar (Prof. Manan Ahmed, S2015, Columbia University)**

Teaching Assistant. Responsible for guiding and helping students with leaflet.js, timeline.js, and QGIS.