Emily Fuhrman

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Education

New York, NY	**Columbia University Graduate School of Arts and Sciences**
2016	**Master of Arts (MA)**, Department of English and Comparative Literature
Williamsburg, VA	**The College of William and Mary**
2010	**Bachelor of Arts (BA)**, English and Philosophy, *summa cum laude*

Professional Positions

New York, NY	Data Visualization and Product Designer
2016 – Current	**Two Sigma**

New York, NY	Spatial Research Intern
2015 – 2016	**Columbia University Graduate School of Architecture, Planning, and Preservation**

Brooklyn, NY	Data Visualization Designer and Developer
2015 – 2016	**emilyfuhrman.co**

Brooklyn, NY	Data Visualization Analyst
2014 – 2015	**Huge**

New York, NY	Data Visualization Designer and Developer
2012 – 2014	**AdFin**

Arlington, VA	Consultant
2010 – 2012	**Booz Allen Hamilton**
	Advanced Analytics

Arlington, VA	Intern
2009	**Booz Allen Hamilton**
	Modeling, Simulation, Wargaming, and Analysis

Academic Positions

New York, NY	Lecturer
2017 – Current	**Columbia University School of Professional Studies**
	Data Visualization and Design (APAN5500), graduate-level course.

New York, NY   Teaching Assistant

2016   Columbia University Graduate School of Architecture, Planning, and Preservation

                Mapping for Architecture, Urbanism, and the Humanities (ARCH6805, ARCH4122), graduate-level course.

New York, NY   Teaching Assistant

2015   Columbia University Graduate School of Arts and Sciences

                Borderlands Seminar (HIST8495), graduate-level course.

New York, NY   Research Fellow

2015   Columbia University Group for Experimental Methods in the Humanities

Fellowships and Research Programs

2009   James Monroe Scholarship Program

2008   William and Mary University of Cambridge Summer Program

Honors and Awards

2010   **Phi Beta Kappa Prize**, William and Mary Department of English

2009   **Phi Beta Kappa Society**

                William and Mary Concerto Competition (First Place), William and Mary Department of Music

2006   **James Monroe Scholar**, The College of William and Mary

Solo Exhibitions

2016   *Lossless*, Ace Hotel New York (in conjunction with Discwoman and MoMA PS1)

Technical Skills and Proficiencies

Languages   JavaScript (D3.js, Leaflet), HTML5, Processing. Working knowledge of: Python, R.

Software   Adobe Creative Suite (Photoshop, Illustrator, InDesign), Sketch, QGIS.

Frameworks   Jekyll.

Select Speaking Engagements

2018   **NYU Gallatin School of Individualized Study**, *The Poetics of Information*

                Two Sigma, Learning and Development Series

2017   **Columbia University**, *Joyce in the Digital Age*

Data Visualization Summit Boston 2017

Harvard University, *Digital Humanities for Caribbean History: A History Design Studio Workshop*

2016   **Columbia University Graduate School of Journalism**, Lede Program

Columbia University Center for Teaching and Learning, Innovative Teaching Summer Institute (ITSI)

Open Data Science Conference (ODSC) East

Columbia University, *The Art of Data Visualization*

Publications

Workshops   Rogowitz, B., Kwon, B.C., & **Fuhrman, E**. (2018). "Towards Guidelines and Practices for Teaching Data Visualization."
Presented at *VisGuides: 2nd Workshop on the Creation, Curation, Critique and Conditioning of Principles and Guidelines in Visualization*, IEEE VIS 2018: Berlin, Germany.

Reading Groups

Participant   **Arts & Algorithms**, Columbia University

Other

Memberships   **IEEE**

The Long Now Foundation

Outdoor   **PADI Open Water Diver**