EMILY FUHRMAN

ef2512[at]columbia.edu
+1 703 489 4405
emilyfuhrman.co

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

2016 – Current	Data Visualization and Product Designer
New York, NY	**Two Sigma**
2015 – 2016	Spatial Research Intern
New York, NY	**Columbia University Graduate School of Architecture, Planning, and Preservation**
2015 – 2016	Data Visualization Designer and Developer
Brooklyn, NY	**emilyfuhrman.co**
2014 – 2015	Data Visualization Analyst
Brooklyn, NY	**Huge Inc.**
2012 – 2014	Data Visualization Designer and Developer
New York, NY	**AdFin**
2010 – 2012	**Consultant**, Advanced Analytics
2009	**Intern**, Modeling, Simulation, Wargaming, and Analysis
Arlington, VA	**Booz Allen Hamilton**

ACADEMIC POSITIONS

2017 – Current	Lecturer
New York, NY	**Columbia University School of Professional Studies**
	(5 sem.) *Data Visualization and Design (APAN5500)*, graduate-level course.
2016	Teaching Assistant
New York, NY	**Columbia University Graduate School of Architecture, Planning, and Preservation**
	(2 sem.) *Mapping for Architecture, Urbanism, and the Humanities (ARCH6805, ARCH4122)*, graduate-level course.

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2015
New York, NY
Teaching Assistant
Columbia University Graduate School of Arts and Sciences
(1 sem.) *Borderlands Seminar (HIST8495)*, graduate-level course.

2015
New York, NY
Research Fellow
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, Piano), 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, Figma, Tableau, 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*

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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

INTERESTS AND QUALIFICATIONS

Memberships   IEEE

The Long Now Foundation

Outdoor   PADI Open Water Certified Diver