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

| 2015 | Research Fellow |
| New York, NY | **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