EDUCATION

New York, NY
Columbia University Graduate School of Arts and Sciences
Master of Arts (MA), Department of English and Comparative Literature

Williamsburg, VA
The College of William and Mary
Bachelor of Arts (BA), English and Philosophy, summa cum laude

PROFESSIONAL POSITIONS

2016 – Current New York, NY	Data Visualization and Product Designer 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.

EMILY FUHRMAN

Teaching Assistant

New York, NY

Columbia University Graduate School of Arts and Sciences
(1 sem.) Borderlands Seminar (HIST8495), graduate-level course.

Research Fellow

New York, NY Columbia University Group for Experimental Methods in the Humanities

FELLOWSHIPS AND RESEARCH PROGRAMS

James Monroe Scholarship Program
 William and Mary University of Cambridge Summer Program

HONORS AND AWARDS

Phi Beta Kappa Prize, William and Mary Department of English
 Phi Beta Kappa Society
 William and Mary Concerto Competition (First Place, Piano), William and Mary Department of Music
 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

NYU Gallatin School of Individualized Study, *The Poetics of Information* Two Sigma, Learning and Development Series

 Columbia University, *Joyce in the Digital Age* Data Visualization Summit Boston 2017
 Harvard University, *Digital Humanities for Caribbean History: A History Design Studio Workshop*

EMILY FUHRMAN

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