

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, <i>summa cum laude</i>

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

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

New York, NY	Teaching Assistant
2015	Columbia University Graduate School of Arts and Sciences <i>Borderlands Seminar (HIST8495)</i> , 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, Piano) , William and Mary Department of Music
2006	James Monroe Scholar , The College of William and Mary

Solo Exhibitions

2016	<i>Lossless</i> , 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 , <i>The Poetics of Information</i> Two Sigma , Learning and Development Series
2017	Columbia University , <i>Joyce in the Digital Age</i> Data Visualization Summit Boston 2017 Harvard University , <i>Digital Humanities for Caribbean History: A History Design Studio Workshop</i>

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