

## 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

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

2015	Teaching Assistant
New York, NY	Columbia University Graduate School of Arts and Sciences (1 sem.) <i>Borderlands Seminar (HIST8495)</i> , 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	<i>Lossless</i> , Ace Hotel New York (in conjunction with Discwoman and MoMA PS1)
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## 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, <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

## **INTERESTS AND QUALIFICATIONS**

Memberships    IEEE  
The Long Now Foundation  
Outdoor    PADI Open Water Certified Diver