# 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

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|---|---|
| 2009 | James Monroe Scholarship Program |
| 2008 | William and Mary University of Cambridge Summer Program |

## HONORS AND AWARDS

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|---|---|
| 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

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|---|---|
| 2016 | *Lossless*, Ace Hotel New York (in conjunction with Discwoman and MoMA PS1) |

## TECHNICAL SKILLS AND PROFICIENCIES

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|---|---|
| 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

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|---|---|
| 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