# EMILY FUHRMAN

ef2512[at]columbia.edu
emilyfuhrman.co

## EDUCATION

**Columbia University Graduate School of Arts and Sciences**
— M.A., Department of English and Comparative Literature                    2016

**The College of William and Mary**
— B.A., English and Philosophy, *summa cum laude*                    2010
Phi Beta Kappa, James Monroe Scholar

## PROFESSIONAL POSITIONS

**Two Sigma**
— Product Manager, Modeling Engineering, Portfolio Management Engineering    2021-
— Product Manager, Venn Platform                    2020
— Senior Product Designer, Venn Platform    2016-2019

**Huge Inc.**
— Data Visualization Analyst    2014-2015

**Booz Allen Hamilton**
— Consultant, Advanced Analytics    2010-2012
— Intern    2009

## ACADEMIC POSITIONS

**Columbia University in the City of New York**
— Adjunct Assistant Professor, Graduate School of Architecture, Planning, and    2020-2021
Preservation (GSAPP)
— Lecturer, School of Professional Studies (SPS)    2017-2020

## TEACHING

**GRADUATE**
— ARCH4122: *Mapping for Architecture, Urbanism, and the Humanities*, Columbia GSAPP.    2020-2021
— APAN5800: *Storytelling with Data*, Columbia SPS.    2019
— APAN5500: *Data Visualization and Design*, Columbia SPS.    2017-2019
— ARCH6805/4122: *Mapping for Architecture, Urbanism, and the Humanities*. Teaching    2016
Assistant (TA) w/Prof. Juan Saldarriaga, Columbia GSAPP.
— HIST8495: *Borderlands Seminar*. TA w/Prof. Manan Ahmed, Columbia University    2015
Graduate School of Arts and Sciences (GSAS).

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## AWARDS

### FELLOWSHIPS
— Research Fellowship, Group for Experimental Methods in Humanistic Research, Columbia University     2015

### GRANTS
— James Monroe Scholar Summer Research Grant, The College of William and Mary     2009

### PRIZES
— Phi Beta Kappa Prize, William and Mary Department of English     2010
— First Place (Piano), William and Mary Concerto Competition, William and Mary Department of Music     2009

### RESIDENCIES
— Recurse Center (New York, NY)     2021
— Helsinki International Artist Programme (HIAP), TOKAMAK (Suomenlinna, Finland)     2011

## EXHIBITIONS

### SOLO
— *Lossless*, Ace Hotel New York (w/Discwoman and MoMA PS1): New York, NY.     2016

### GROUP
— *VISAP'21*, IEEE VIS 2021: https://visap.net/2021/.     2021

## 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.     2018

### INTERVIEWS
— "Emily Fuhrman, MA Candidate in English and Comparative Literature," Student Spotlight, *Columbia Graduate School of Arts and Sciences*: https://gsas.columbia.edu/emily-fuhrman-ma-candidate-english-and-comparative-literature.     2017
— Ginsberg, A. (2016). Artist Interview Series, *Electric Objects*: http://zine.electricobjects.com/interviews/emily-fuhrman.     2016

## SELECT SPEAKING ENGAGEMENTS

### INVITED TALKS

— Artist Talk, *VISAP'21*, IEEE VIS 2021.                                                                      2021
— Invited Speaker, *HUSH Creative Jam*, HUSH Studios.                                                          2019
— Guest Lecturer, *Data Visualization Portfolio Development*, Infographics and Data                           2019
  Visualization Design Certificate Program, Parsons The New School.
— Invited Speaker, "Textual Topographies and Procedural Residue," *Poetics of                                 2018
  Information Symposium*, NYU.
— Invited Speaker, "Introduction to Data Visualization," Learning and Development                             2018
  Series, Two Sigma.
— Invited Speaker, "Visualizing Joyce's Ulysses: 'Sirens' as a Graphic Score," *Joyce in                     2017
  the Digital Age*, Columbia University.
— Invited Speaker, "In the Same Boats: Geographic Visualization Considerations," *Digital                     2017
  Humanities for Caribbean History: A History Design Studio Workshop*, Harvard
  University.
— Invited Speaker, "Unstable Spaces: Autonomous Data and Graphical Accountability,"                           2016
  Lede Program, Columbia University Graduate School of Journalism.
— Invited Speaker, "Visualization and Information Design," Innovative Teaching Summer                         2016
  Institute (ITSI), Columbia University Center for Teaching and Learning (CTL).
— Invited Speaker, "Data Visualization for Social Good: The Building Ownership Project,"                       2016
  Open Data Science Conference (ODSC) East, Boston.
— Invited Speaker, "Encoding Ambiguity: Visualizing Qualitative Relationships and                             2016
  Uncertain Values," *The Art of Data Visualization*, Columbia University.
— Workshop Leader, "Introduction to D3.js," *The Art of Data Visualization*, Columbia                         2016
  University.

### INVITED WORKSHOPS

— Invited Participant, *Unflattening and Enacting Visualization*, CUNY Graduate Center.                       2016

## PROFESSIONAL CERTIFICATIONS

— CELTA (Certificate in Teaching English to Speakers of Other Languages), Cambridge                          2021
  Assessment English

## INTERESTS AND QUALIFICATIONS

— PADI Open Water Certified Diver                                                                             2019