Emily Fuhrman

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## 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

— 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).

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

### 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 Assessment English     2021

## INTERESTS AND QUALIFICATIONS

— PADI Open Water Certified Diver     2019