# EMILY FUHRMAN

ef2512[at]columbia.edu
emilyfuhrman.co

## EDUCATION

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

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

## PROFESSIONAL POSITIONS

**Two Sigma** — New York, NY
— Product Manager, Modeling Engineering, Portfolio Management & Analytics — 2021-
— Product Manager, Venn Platform — 2019-2021
— Senior Product Designer, Venn Platform — 2016-2019

**Huge Inc.** — New York, NY
— Data Visualization Analyst — 2014-2015

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

## ACADEMIC POSITIONS

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

## TEACHING

### GRADUATE
— ARCH 4122, *Mapping for Architecture, Urbanism, and the Humanities*. Columbia GSAPP: Spr. 2020-21. — 2020-2021
— APAN 5800, *Storytelling with Data*. Columbia SPS: Fall 2019. — 2019
— APAN 5500, *Data Visualization and Design*. Columbia SPS: Fall/Sum. 2017-18, Spr. 2019. — 2017-2019
— ARCH 6805/4122, *Mapping for Architecture, Urbanism, and the Humanities*. Teaching Assistant (TA) — 2016
w/Prof. Juan Saldarriaga. Columbia GSAPP: Spr./Fall 2016.
— HIST 8495, *Borderlands Seminar*. TA w/Prof. Manan Ahmed. Columbia University Graduate School of Arts — 2015
and Sciences (GSAS): Fall 2015.

## AWARDS

### 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

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

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

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

## EXHIBITIONS

**SOLO**
— *Lossless*, Ace Hotel New York (in conjunction with Discwoman and MoMA PS1), New York, NY          2016

## SELECT SPEAKING ENGAGEMENTS

**INVITED TALKS**
— Invited Speaker, *HUSH Creative Jam*, HUSH Studios.          2019
— Guest Lecturer, *Data Visualization Portfolio Development*, Infographics and Data Visualization Design          2019
  Certificate Program, Parsons The New School.
— 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*,          2017
  Columbia University.
— Invited Speaker, "In the Same Boats: Geographic Visualization Considerations," *Digital Humanities for*          2017
  *Caribbean History: A History Design Studio Workshop*, Harvard University.
— Invited Speaker, "Unstable Spaces: Autonomous Data and Graphical Accountability," Lede Program,          2016
  Columbia University Graduate School of Journalism.
— Invited Speaker, "Visualization and Information Design," Innovative Teaching Summer Institute (ITSI),          2016
  Columbia University Center for Teaching and Learning (CTL).
— Invited Speaker, "Data Visualization for Social Good: The Building Ownership Project," Open Data Science          2016
  Conference (ODSC) East, Boston.
— Invited Speaker, "Encoding Ambiguity: Visualizing Qualitative Relationships and Uncertain Values," *The Art*          2016
  *of Data Visualization*, Columbia University.
— 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

## PUBLICATIONS

**WORKSHOPS**
— Rogowitz, B., Kwon, B.C., & **Fuhrman, E**. (2018). "Towards Guidelines and Practices for Teaching Data          2018
  Visualization." Presented at *VisGuides: 2nd Workshop on the Creation, Curation, Critique and Conditioning*
  *of Principles and Guidelines in Visualization*, IEEE VIS 2018: Berlin, Germany.

**OTHER PUBLICATIONS**
— "Une carte textuelle de la frontière alaskaine [Mapping the Alaska Boundary]," trans. Philippe Rivière.          2020
  *visionscarto*. (2020 August 25). https://visionscarto.net/carte-textuelle-alaska

## 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