EMILY FUHRMAN

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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) w/Prof. Juan Saldarriaga. Columbia GSAPP: Spr./Fall 2016.	2016
— HIST 8495, *Borderlands Seminar*. TA w/Prof. Manan Ahmed. Columbia University Graduate School of Arts and Sciences (GSAS): Fall 2015.	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

SOLO EXHIBITIONS

— *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

ARTICLES
— "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

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.

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