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) — 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

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