EMILY FUHRMAN

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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 Engineering — 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

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 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

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

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

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