EMILY FUHRMAN

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emilyfuhrman.co

EDUCATION

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

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

PROFESSIONAL POSITIONS

Two Sigma New York, NY
— Product Manager, Venn 2019-
— Data Visualization Specialist and Product Designer, Venn 2016-2019

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

emilyfuhrman.co New York, NY
— Data Visualization Designer and Developer 2012-2016

Booz Allen Hamilton Arlington, VA
— Consultant, Advanced Analytics 2010-2012
— Intern, Modeling, Simulation, Wargaming, and Analysis 2009

ACADEMIC POSITIONS

Columbia University New York, NY
— Adjunct Assistant Professor, Graduate School of Architecture, Planning, and Preservation (GSAPP) 2020-
— Lecturer, School of Professional Studies (SPS) 2017-2020
— Spatial Research Intern, Digital Social Science Center (DSSC) 2016

HONORS AND AWARDS

— Phi Beta Kappa Prize, William and Mary Department of English 2010
— Phi Beta Kappa Society, Alpha Chapter of Virginia 2009
— First Place (Piano), William and Mary Concerto Competition, William and Mary Department of Music 2009
— James Monroe Scholar, The College of William and Mary 2006

FELLOWSHIPS

— Research Fellow, Group for Experimental Methods in Humanistic Research, Columbia University 2015

SOLO EXHIBITIONS

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

RESIDENCIES

— Helsinki International Artist Programme (HIAP)   2011

TEACHING EXPERIENCE

— `ARCH 4122` "Mapping for Architecture, Urbanism, and the Humanities," Columbia University   2020-
Graduate School of Architecture, Planning, and Preservation (GSAPP)
— `APAN 5800` "Storytelling with Data," Columbia University School of Professional Studies (SPS)   2019
— `APAN 5500` "Data Visualization and Design," Columbia SPS   2017-2019
— `(TA) ARCH 6805/4122` "Mapping for Architecture, Urbanism, and the Humanities," Columbia GSAPP   2016
— `(TA) HIST 8495` "Borderlands Seminar," Columbia University Graduate School of Arts and Sciences (GSAS)   2015

SELECT SPEAKING ENGAGEMENTS

— 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

PUBLICATIONS

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

TECHNICAL PROFICIENCIES

— JavaScript (D3.js, Leaflet.js), Processing; Working knowledge of: Python, R   Languages
— Adobe Creative Suite (Photoshop, Illustrator, InDesign), Figma, Tableau, Mapbox, QGIS   Software

INTERESTS AND QUALIFICATIONS

— PADI Open Water Certified Diver   Outdoor