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   2021-
— Product Manager, Venn Platform   2019-2021
— Data Visualization and Product Design Lead, 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, Modeling, Simulation, Wargaming, and Analysis (MSWA)   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-
— 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
— First Place (Piano), William and Mary Concerto Competition, William and Mary Department of Music   2009

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 Graduate School of Architecture, Planning, and Preservation (GSAPP) — 2020-
— 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 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

PUBLICATIONS

— 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. — Workshops

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