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 Engineering — 2021-
— Product Manager, Venn Platform — 2020
— 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
— ARCH4122: *Mapping for Architecture, Urbanism, and the Humanities*, Columbia GSAPP. — 2020-2021
— APAN5800: *Storytelling with Data*, Columbia SPS. — 2019
— APAN5500: *Data Visualization and Design*, Columbia SPS. — 2017-2019
— ARCH6805/4122: *Mapping for Architecture, Urbanism, and the Humanities*. Teaching Assistant (TA) w/Prof. Juan Saldarriaga, Columbia GSAPP. — 2016
— HIST8495: *Borderlands Seminar*. TA w/Prof. Manan Ahmed, Columbia University Graduate School of Arts and Sciences (GSAS). — 2015

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AWARDS

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

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

RESIDENCIES
— Recurse Center (New York, NY)   2021
— Helsinki International Artist Programme (HIAP), TOKAMAK (Suomenlinna, Finland)   2011

EXHIBITIONS

SOLO
— *Lossless*, Ace Hotel New York (w/Discwoman and MoMA PS1): New York, NY.   2016

GROUP
— *VISAP'21*, IEEE VIS 2021: https://visap.net/2021/.   2021

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

INTERVIEWS
— "Emily Fuhrman, MA Candidate in English and Comparative Literature," Student Spotlight, *Columbia Graduate School of Arts and Sciences*: https://gsas.columbia.edu/emily-fuhrman-ma-candidate-english-and-comparative-literature.   2017
— Ginsberg, A. (2016). Artist Interview Series, *Electric Objects*: http://zine.electricobjects.com/interviews/emily-fuhrman.   2016

SELECT SPEAKING ENGAGEMENTS

INVITED TALKS

— Artist Talk, *VISAP'21*, IEEE VIS 2021. — 2021
— 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

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