Emily Fuhrman

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EDUCATION

Columbia University Graduate School of Arts and Sciences
— M.A., Department of English and Comparative Literature   2016

The College of William and Mary
— B.A., English and Philosophy, *summa cum laude*   2010
Phi Beta Kappa, James Monroe Scholar

PROFESSIONAL POSITIONS

Two Sigma
— Product Manager, Modeling Engineering, Portfolio Management Engineering   2021-
— Product Manager, Venn Platform   2020
— Senior Product Designer, Venn Platform   2016-2019

Huge Inc.
— Data Visualization Analyst   2014-2015

Booz Allen Hamilton
— Consultant, Advanced Analytics   2010-2012
— Intern   2009

ACADEMIC POSITIONS

Columbia University in the City of New York
— Adjunct Assistant Professor, Graduate School of Architecture, Planning, and   2020-2021
Preservation (GSAPP)
— Lecturer, School of Professional Studies (SPS)   2017-2020

TEACHING

— 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   2016
Assistant (TA) w/Prof. Juan Saldarriaga, Columbia GSAPP.
— HIST8495: *Borderlands Seminar*. TA w/Prof. Manan Ahmed, Columbia University   2015
Graduate School of Arts and Sciences (GSAS).

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
— Ault, J. (2017 Jan. 17). "Student Spotlight: Emily Fuhrman, MA Candidate in English and Comparative Literature," *Columbia Graduate School of Arts and Sciences* [Blog]: https://gsas.columbia.edu/emily-fuhrman-ma-candidate-english-and-comparative-literature. — 2017
— Ginsberg, A. (2016 Jan. 14). "Artist Interview: Emily Fuhrman," *Electric Objects*: http://zine.electricobjects.com/interviews/emily-fuhrman. — 2016

SELECT PRESS

— "COVID Maps Reveal Personal Pandemic Landscapes," *Bloomberg CityLab*: https://www.bloomberg.com/news/features/2022-01-25/homemade-covid-maps-navigate-life-around-the-world.   2022

— "Une carte textuelle de la frontière alaskaine," *visionscarto*, trans. Philippe Rivière: https://visionscarto.net/carte-textuelle-alaska.   2020

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