EDUCATION

Columbia University Graduate School of Arts and Sciences — M.A., Department of English and Comparative Literature	New York, NY 2016
The College of William and Mary — B.A., English and Philosophy, summa cum laude Phi Beta Kappa, James Monroe Scholar	Williamsburg, VA 2010
PROFESSIONAL POSITIONS	
Two Sigma	New York, NY
— Product Manager, Modeling Engineering, Portfolio Management & Analytics	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.
- 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 2015
- and Sciences (GSAS): Fall 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

CDANTS	
GRANTS — James Monroe Scholar Summer Research Grant, The College of William and Mary	2009
dames womed conduct duminor rescaron drant, the conege of william and wary	2003
RESIDENCIES	
— Recurse Center, New York, NY	2021
— Helsinki International Artist Programme (HIAP), Suomenlinna, Finland	2011
SOLO EXHIBITIONS	
— Lossless, Ace Hotel New York (in conjunction with Discwoman and MoMA PS1), New York, NY	2016
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SELECT SPEAKING ENGAGEMENTS	
INVITED TALKS	
— Invited Speaker, <i>HUSH Creative Jam</i> , 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," <i>Poetics of Information Symposium</i>, NYU. Invited Speaker, "Introduction to Data Visualization," Learning and Development Series, Two Sigma. 	2018 2018
— Invited Speaker, "Mroduction to Data visualization," Learning and Development Series, two Sigma. — Invited Speaker, "Visualizing Joyce's Ulysses: 'Sirens' as a Graphic Score," Joyce in the Digital Age,	2018
Columbia University.	2017
— 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
— Workshop Leader, Introduction to Do.js, The Art of Data Visualization, Columbia University.	2016
INVITED WORKSHOPS	
— Invited Participant, Unflattening and Enacting Visualization, CUNY Graduate Center.	2016
PUBLICATIONS	
ARTICLES	
— "Une carte textuelle de la frontière alaskaine [Mapping the Alaska Boundary]," trans. Philippe Rivière.	2020
visionscarto. (2020 August 25). https://visionscarto.net/carte-textuelle-alaska	
WORKSHOPS	
— Rogowitz, B., Kwon, B.C., & Fuhrman, E. (2018). "Towards Guidelines and Practices for Teaching Data	2018
Visualization." Presented at VisGuides: 2nd Workshop on the Creation, Curation, Critique and Conditioning	
of Principles and Guidelines in Visualization, IEEE VIS 2018: Berlin, Germany.	

EMILY FUHRMAN ef2512[at]columbia.edu emilyfuhrman.co

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