EDUCATION

EBOOATION	
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 Phi Beta Kappa, James Monroe Scholar	2010
PROFESSIONAL POSITIONS	
Two Sigma International Limited Two Sigma Investments, LP	2023 - 2016 - 2022
Product Manager, Model Lifecycle Engineering Product Manager, Modeling Engineering Product Manager, Venn Platform Data Visualization Specialist, Venn Platform	2023 - 2021 - 2022 2020 2016 - 2019
Huge Inc.	
Data Visualization Analyst	2014 - 2015
Booz Allen Hamilton	
Consultant, Advanced Analytics Intern	2010 - 2012 2009
TEACHING	
Columbia University in the City of New York	
Adjunct Assistant Professor, Graduate School of Architecture, Planning and Preservation	2020 - 2021
 ARCH4122, Mapping for Architecture, Urbanism, and the Humanities Lecturer, School of Professional Studies APAN5800, Storytelling with Data 	2017 - 2020
 APAN5500, Data Visualization and Design Teaching Assistant, Graduate School of Arts and Sciences ARCH6805 / ARCH4122, Mapping for Architecture, Urbanism, and the Humanities HIST8495, Borderlands Seminar 	2015 - 2016

AWARDS

Prizes		
_	Phi Beta Kappa Prize, The College of William and Mary First Place (Piano), William and Mary Concerto Competition	2010 2009
Fellowsh	ips and Grants	
_	Research Fellowship, Group for Experimental Methods in Humanistic Research, Columbia University	2015
_	Research Grant, James Monroe Scholars Program, The College of William and Mary	2009
Program	s and Residencies	
_	Participant, Cellular Automata: Code Beyond Words, School for Poetic Computation (SFPC): New York, NY.	2023
_	Participant, SP2'21, Recurse Center: New York, NY. Resident, Helsinki International Artist Programme (HIAP): Suomenlinna, Finland.	2021 2011
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EXHIBIT	ONE	
EXHIBIT	ONS	
Solo		
_	Lossless, Ace Hotel New York (with Discwoman and MoMA PS1): New York, NY.	2016
Group		
_	VISAP'21, IEEE VIS 2021: https://visap.net/2021/.	2021
PUBLICA	TIONS	
Worksho	ps	
_	Rogowitz, B., Kwon, B.C., & Fuhrman, E. (2018). "Towards Guidelines and Practices for Teaching Data Visualization." Presented at <i>VisGuides: 2nd Workshop on the Creation, Curation, Critique and Conditioning of Principles and Guidelines in Visualization</i> , IEEE VIS 2018: Berlin, Germany.	2018
Work Pul	olished in Periodicals	
_	Visualizing Joyce's <i>Ulysses</i> : "Sirens" [Graphic]. filling Station, 59.	2014

Work Featured in Media

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

Interviews

- Student Spotlight Series, Columbia Graduate School of Arts and Sciences [Blog]: https://www.gsas.columbia.edu/news/emily-fuhrman-ma-candidate-english-and-comparative-literature.
- Artist Interview Series, Electric Objects: http://zine.electricobjects.com/interviews/emily-fuhrman.

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	2019
	Visualization Design Certificate Program, Parsons The New School.	
_	Invited Speaker, "Textual Topographies and Procedural Residue," Poetics of Information	2018
	Symposium, NYU.	
_	Invited Speaker, "Introduction to Data Visualization," Learning and Development Series,	2018
	Two Sigma.	
_	Invited Speaker, "Visualizing Joyce's Ulysses: 'Sirens' as a Graphic Score," Joyce in the	2017
	Digital Age, Columbia University.	
_	Invited Speaker, "In the Same Boats: Geographic Visualization Considerations," Digital	2017
	Humanities for Caribbean History: A History Design Studio Workshop, Harvard University.	
_	Invited Speaker, "Unstable Spaces: Autonomous Data and Graphical Accountability," Lede	2016
	Program, Columbia University Graduate School of Journalism.	
_	Invited Speaker, "Visualization and Information Design," Innovative Teaching Summer	2016
	Institute (ITSI), Columbia University Center for Teaching and Learning (CTL).	
_	Invited Speaker, "Data Visualization for Social Good: The Building Ownership Project,"	2016
	Open Data Science Conference (ODSC) East, Boston.	
_	Invited Speaker, "Encoding Ambiguity: Visualizing Qualitative Relationships and Uncertain	2016
	Values," The Art of Data Visualization, Columbia University.	
_	Workshop Leader, "Introduction to D3.js," The Art of Data Visualization, Columbia	2016
	University.	

Invited Workshops

Invited Participant, Unflattening and Enacting Visualization, CUNY Graduate Center.

PROFESSIONAL CERTIFICATIONS

_	WSET Level 2 Wine, Wine and Spirit Education Trust	2023
_	CELTA (Certificate in Teaching English to Speakers of Other Languages), Cambridge	2021
	Assessment English	

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

	Fellow, Royal Geographical Society (with the Institute of British Geographers)	2023 -
_	Associate Member, IEEE (Institute of Electrical and Electronics Engineers)	2018 -

INTERESTS AND QUALIFICATIONS

PADI Open Water Certified Diver