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 | Williamsburg, VA |
| — 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 — Product Manager, Venn Platform — Senior Product Designer, Venn Platform | New York, NY 2021 - 2020 2016 - 2019 |
|--|---|
| Huge Inc. — Data Visualization Analyst | New York, NY 2014-2015 |
| Booz Allen Hamilton — Consultant, Advanced Analytics — Intern | Arlington, VA 2010-2012 2009 |

ACADEMIC POSITIONS

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

TEACHING

| GRADUATE | |
|---|-----------|
| — ARCH4122: Mapping for Architecture, Urbanism, and the Humanities, GSAPP. | 2020-2021 |
| — APAN5800: Storytelling with Data, SPS. | 2019 |
| — APAN5500: Data Visualization and Design, SPS. | 2017-2019 |
| — ARCH6805/4122: Mapping for Architecture, Urbanism, and the Humanities. Teaching | 2016 |
| Assistant (TA) w/Prof. Juan Saldarriaga, 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 — First Place (Piano), William and Mary Concerto Competition, William and Mary Department of Music | 2010 2009 |
| RESIDENCIES — Recurse Center, New York, NY — Helsinki International Artist Programme (HIAP), Suomenlinna, Finland | 2021 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/ | 2017 |
| emily-fuhrman-ma-candidate-english-and-comparative-literature. — Ginsberg, A. (2016). Artist Interview Series, <i>Electric Objects</i> : http://geastectanslateaa/geas | 2016 |

SELECT SPEAKING ENGAGEMENTS

| INVITED TALKO | |
|---|------|
| INVITED TALKS — Artist Talk, VISAP'21, IEEE VIS 2021. | 2021 |
| — Invited Speaker, HUSH Creative Jam, HUSH Studios. | 2019 |
| — Guest Lecturer, <i>Data Visualization Portfolio Development</i> , Infographics and Data | 2019 |
| Visualization Design Certificate Program, Parsons The New School. | 2010 |
| Invited Speaker, "Textual Topographies and Procedural Residue," <i>Poetics of</i> | 2018 |
| Information Symposium, NYU. | |
| Invited Speaker, "Introduction to Data Visualization," Learning and Development | 2018 |
| Series, Two Sigma. | |
| — Invited Speaker, "Visualizing Joyce's Ulysses: 'Sirens' as a Graphic Score," Joyce in | 2017 |
| the 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," | 2016 |
| Lede 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. | 0010 |
| — Invited Speaker, "Encoding Ambiguity: Visualizing Qualitative Relationships and | 2016 |
| Uncertain Values," <i>The Art of Data Visualization</i> , Columbia University. — Workshop Leader, "Introduction to D3.js," <i>The Art of Data Visualization</i> , Columbia | 0016 |
| University. | 2016 |
| Offiversity. | |
| INVITED WORKSHOPS | |
| — Invited Participant, <i>Unflattening and Enacting Visualization</i> , CUNY Graduate Center. | 2016 |
| miniou i artiolpant, omattoning and Endotting violanzation, Goitt Graduate Conton. | 2010 |
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| PROFESSIONAL CERTIFICATIONS | |
| PROFESSIONAL CERTIFICATIONS | |
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| — CELTA (Certificate in Teaching English to Speakers of Other Languages), Cambridge | 2021 |
| Assessment English | |
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| INTERESTS AND QUALIFICATIONS | |
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| — PADI Open Water Certified Diver | 2019 |