

PROFILE

I research cooperation across diversity, creating technologies and social processes that empower distributed communities to become more connected, creative, and effective. I'm a PhD student at the MIT Media Lab Center for Civic Media, a fellow at the Berkman Center for Internet and Society at Harvard University, and a DERP Institute fellow.

ACADEMIC POSITIONS & DISTINCTIONS

RESEARCH ASSISTANT, PHD STUDENT Aug 2011 – present
Center for Civic Media, MIT Media Lab (See portfolio at natematias.com)

RESEARCH INTERN
Microsoft Research Fuse Labs, Redmond WA 2013 (summer)

FELLOWSHIPS
Berkman Center for Internet and Society 2013 – present
Conducting research on networked cooperation.
Co-Facilitating the Boston-wide Cooperation Working Group on networked cooperation, collective intelligence, citizen science, and human computation
Digital Ecologies Research Partnership (DERP) Institute 2014 – present
Conducting large-scale user research with Reddit, Imgur, Fark, Twitch

DAVIES JACKSON SCHOLARSHIP 2006 – 2008
US scholarship to study for a 2nd B.A. at St. John's College, Cambridge University

RHODES SCHOLARSHIP FINALIST 2006

ACM NELSON AWARD 2005
Best Newcomer Paper award, for "Philadelphia Fullerene, a Case Study in Three Dimensional Hypermedia." Nominee for Best Paper, ACM Hypertext 2005

CONVENOR & ORGANIZER Nov 2010
Web Art & Science Camp (ACM SIGWEB), the first Web Science fringe festival

PROGRAM COMMITTEE, WIKISYM '08 2008

FREEDOM 2 INNOVATE Dec 2014
Co-organizer of summit on legal challenges to student research
MIT Media Lab, CSAIL, Electronic Frontier Foundation, Ford Foundation, Google

ACADEMIC INTEGRITY COMMITTEE, ETOWN COLLEGE 2003 – 2005

TECH STARTUPS

LANGUAGE SOLUTIONS DEVELOPMENT
SwiftKey, London UK Apr 2010 – July 2011
Expanded predictive text coverage internationally, developing software and business processes from research systems. SwiftKey now has over 10 million users.

COFOUNDER
Emberlight, Cambridge UK April 2010 – April 2012
Emberlight was a creative platform for teams to collaborate and publish visual, linked information to the web. It was also subject of a peer reviewed paper and demo.

SOFTWARE ENGINEER
Texperts, Knowledge Generation Bureau, Cambridge UK 2008 – 2010
Developed instrumentation, large-scale user modeling, and performance testing software for expansion into new markets and for our Super Bowl television ad in 2010. Designed systems to facilitate community relations in microwork & human computation
Research liaison for new partnerships with academic data scientists

CHARITY STARTUPS

COFOUNDER, EXECUTIVE PRODUCER
World University Project 2007 – 2010
Started an international charity to connect & amplify voices of student video journalists.

CHIEF TECHNICAL ADVISOR
Ministry of Stories July 2010 – July 2011
Helped launch a creative writing center in East London in a disadvantaged region. The Ministry now convenes a network of centers it inspired across Europe.

SELECTED
PUBLICATIONS

- J. Nathan Matias, Andrés Monroy-Hernández. *NewsPad: Designing for Collaborative Storytelling in Neighborhoods*. CHI EA 2014
- Jeffrey M. Rzeszotarski, Emma S. Spiro, Jorge Nathan Matias, Andrés Monroy-Hernández, and Meredith Ringel Morris. 2014. *Is anyone out there?: unpacking Q&A hashtags on twitter*. CHI 2014
- J. Nathan Matias, Elena Agapie, Catherine D'Ignazio, Erhardt Graeff. *Challenges for Personal Behavior Change Research on Information Diversity*. CHI 2014 Position Paper, Personalized Behavior Change Workshop
- J. Nathan Matias and Frederick Cheung. *Emberlight: share and publish spatial hypertext to the web*. ACM Hypertext 2010
- J. Nathan Matias and David P. Williams. *Comparing spatial hypertext collections*. ACM Hypertext 2009

NOTABLE TALKS

- J. Nathan Matias, Sarah Szalavitz. *Filters, Bias, and Collaboration*. SXSW 2014
- J. Nathan Matias. *Gender Binaries and the Ideological Affordances of Data Activism*. MIT Symposium on Gender and Technology, February 2014.
- J. Nathan Matias. *Can Gender Metrics Make the News More Diverse?* O'Reilly NewsFoo, December 2013.
- Willow Brugh, J. Nathan Matias. *Project Stories are Not Enough: Why Hackathons are More than Hacks*. Joint talk with early results on attribution and media coverage of distributed collaboration. Theorizing the Web, April 2014.
- Darren Lunn, Mark Bernstein, Cathy Marshall, J. Nathan Matias, James M. Nyce, and Frank Tompa. 2010. *Past visions of hypertext and their influence on us today*. Invited talk to commemorate *As We May Think*, by Vannevar Bush, ACM Hypertext 2010

CURRENT
PROJECTS

- | | |
|--|----------------|
| Thanks.fm: An Open Acknowledgment Platform for the Web | 2012 – present |
| FollowBias (experiments with selective behavior on Twitter)
(nearing completion for publication submission) | 2012 – present |
| Course Design: Curating & Repackaging Citizen Video for News
(with Ethan Zuckerman) | 2012 |

INSTITUTIONAL
GOVERNANCE

- | | |
|--|-------------|
| AMERICAN INSTITUTE OF PARLIAMENTARIANS | 2003 – 2006 |
| Hugh Cannon Memorial Scholar | 2006 |
| Lecturer, Riddick Practicum | 2005 |
| Riddick Scholar | 2003, 2005 |

PUBLIC
SCHOLARSHIP &
ENGAGEMENT

- | | |
|---|----------------|
| Dataviz series on Gender in the News, Guardian Datablog | 2012 – 2013 |
| Technology Editor, the Annual Register | 2011 – present |
| Editor, Facilitator of @1book140, <i>The Atlantic's</i> Twitter book club | 2012 – present |
| Dataviz: Whose Voices? Twitter Citation in Global Voices | 2012 |
| Read for the Sky: Sculpture at PA State Capitol | 2006 |

HUMANITIES

- | | |
|--|------------------|
| MORAL CHOICE IN INTERACTIVE FICTION | 2008 |
| EARLY AFRICAN POLITICAL NOVELISTS: PLAATJE & ACHEBE
<i>B.A. Cantab dissertations for the English Faculty at the University of Cambridge</i> | 2008 |
| TRAGEDY IN ELECTRONIC LITERATURE
<i>Triplos lecture in the Cambridge University English Faculty</i> | Michaelmas, 2007 |

EDUCATION

- MASSACHUSETTS INSTITUTE OF TECHNOLOGY: MIT MEDIA LAB
M.A. 2013. PhD student with expected 2017 graduation date
- UNIVERSITY OF CAMBRIDGE
M.A. Cantab, English Literature, 2008, 2012
- ELIZABETHTOWN COLLEGE
B.A. Magna Cum Laude, English Literature, 2008. Honors Program