PROFILE

I am an intentional polymath, collaborating on technology and communities which empower people to become more creative, more effective, and more informed. I currently develop technologies for news analytics, participatory media, and creative learning at the MIT Media Lab & Center for Civic Media. I am currently applying to PhD programs.

TECH & STARTUPS

LANGUAGE SOLUTIONS DEVELOPMENT LIAISON
SwiftKey, London UK   Apr 2010 – July 2011
Expanded predictive text coverage internationally, developing business processes and software. Managed software internationalization. Built test & reporting frameworks

SOFTWARE ENGINEER
Dressipi, London UK   Feb – June 2010
Developed a prototype machine learning interface to infer customer style preferences
Advised on the establishment of this startup's core development team

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 subject of a refereed publication and one refereed demo

SOFTWARE ENGINEER
Texperts, Knowledge Generation Bureau, Cambridge UK   2008 – 2010
Developed instrumentation and performance testing software for expansion into new markets and for our Super Bowl television ad in 2010.
Designed innovative interfaces to facilitate worker relations in microwork environments
Research liaison for new partnerships with academic data scientists

CHARITIES

COFOUNDER, EXECUTIVE PRODUCER
World University Project   2007 – 2010
The World University Project was an internationally-focused charity to connect and amplify the voices of student video journalists

CHIEF TECHNICAL ADVISOR
Ministry of Stories   July 2010 – July 2011
Helped launch a creative writing center in East London for disadvantaged youth.
Managed technology initiatives, third-party contracts, and online engagement.
Recruited and trained a long-term technical team before moving to MIT

ACADEMIC

RESEARCH ASSISTANT, MA STUDENT   Aug 2011 – present
Center for Civic Media, MIT Media Lab
Building participatory platforms & media analytics, ethnography, action research
(See portfolio for dozens of designs at the intersection of tech, ideas, and society)

ACADEMIC BUSINESS DEVELOPMENT CONSULTANT   April 2010 – July 2010
CoDE Institute, Anglia Ruskin University

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

RHODES SCHOLARSHIP FINALIST   2006

ASSOCIATION FOR COMPUTING MACHINERY NELSON AWARD   2005
Best Newcomer Paper award, for "Philadelphia Fullerine, a Case Study in Three Dimensional Hypermedia." Nominee for Best Paper, ACM Hypertext 2005

ORGANIZING

COORDINATOR & FACILITATOR   Jan 2012, 2013
Festival of Learning, a two day informal learning festival for 150 MIT students and staff from the MIT Media Lab, Comparative Media Studies, and Arts Culture Technology

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

CO-ORGANIZER & FACILITATOR   Dec 2012
Cyberscholars Meta-Forum, Harvard Berkman Center, MIT Center for Civic Media

ORGANIZING	PROGRAM COMMITTEE, WIKISYM '08	2008
	Senior reviewer, program committee member	
	PROGRAM COMMITTEE, PANEL ORGANISER	
	ACM SIGWEB Hypertext Conference, Manchester UK	Sept 2007
	ACADEMIC INTEGRITY COMMITTEE, ETOWN COLLEGE	2003 – 2005
PARLIAMENTARY PROCEDURE	PARLIAMENTARIAN & PARLIAMENTARY CONSULTANT	2004 – present
	Experience in UK and US charities & deliberative assemblies (uncertified)	
	RETURNING OFFICER, CAMBRIDGE UNION SOCIETY	2007, 2008
	Advised transition to online voting, adjudicated election malpractice	
	AMERICAN INSTITUTE OF PARLIAMENTARIANS	2003 – 2006
	Hugh Cannon Memorial Scholar	2006
	Lecturer, Riddick Practicum	2005
	Riddick Scholar	2003, 2005
WRITING	GENDER REPRESENTATION SERIES, GUARDIAN DATABLOG	2012 – present
	LIVEBLOGGING (#RoflCon, #TruthiCon, #MozFest, and many more)	2011 – present
	WHAT IBORI STOLE, ECONOMIC & FINANCIAL TIMES (Nigeria)	May 2012
	TECHNOLOGY EDITOR, THE ANNUAL REGISTER	2011 – present
	COORDINATOR, @1BOOK140, THE ATLANTIC BOOK CLUB	2012 - present
MUSIC	TRUMPET SOLO, ENSEMBLE, FESTIVAL PERFORMANCES	2001 – present
	Extensive experience at all amateur levels for classical, pops, and jazz	
VISUAL ARTS	READ FOR THE SKY: SCULPTURE AT PA STATE CAPITOL	2006
	ABOLITION EXHIBIT, ROUND CHURCH MUSEUM	2006
	Technical Production, Cambridge, UK	
HUMANITIES	PHILADELPHIA FULLERINE	2006
	Interactive documentary sculpture on 19th century Philadelphia immigrant experience	
	MORAL CHOICE IN INTERACTIVE FICTION	2008
	EARLY AFRICAN NOVELISTS: PLAATJE & ACHEBE	2008
	B.A. / M.A. dissertations for the English Faculty at the University of Cambridge	
	TRAGEDY IN ELECTRONIC LITERATURE	Michaelmas, 2007
	Tripos lecture in the Cambridge University English Faculty	
RECENT WORK	NETWORKED TACTICS FOR GENDER REPRESENTATION IN THE NEWS	2012
	Invited talk on Master's thesis, Tow Center, Columbia Journalism School	
	AN OPEN ACKNOWLEDGMENT PLATFORM FOR THE WEB	Fall 2012
	Designing & creating a working platform, supervised by Mitchel Resnick	
	WHOSE VOICES? TWITTER CITATION IN GLOBAL VOICES	July 2012
	Interactive Data Viz of Twitter source diversity in the news	
	T.I.C.K.L.E. CONSTRUCTION KIT INTEROPERABILITY MODEL	Aug 2012
	CURATING & REPACKAGING CITIZEN VIDEO FOR THE NEWS	Fall 2012
	Course plan, workshops, and designs, with Ethan Zuckerman	
	A complete list of dozens of lectures and academic publications may be found on my portfolio at www.natematias.com/portfolio/	
EDUCATION	MASSACHUSSETTS INSTITUTE OF TECHNOLOGY: MIT MEDIA LAB	
	M.A. student, enrolled 2011, with intentions to continue to a PhD	
	UNIVERSITY OF CAMBRIDGE	
	B.A. and M.A., English Literature, 2008, 2012	
	ELIZABETHTOWN COLLEGE	
	B.A. Magna Cum Laude, English Literature, 2008. Honors Program	