

## **Kevin Driscoll**

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### **Appointments**

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Assistant Professor, 2016-

Department of Media Studies, University of Virginia, Charlottesville, VA.

Postdoctoral Researcher, 2014-2016.

Microsoft Research New England, Cambridge, MA.

### **Education**

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Ph.D., Communication, 2014.

Annenberg School for Communication and Journalism, University of Southern California, Los Angeles, CA.

Dissertation: *Hobbyist inter-networking and the popular internet imaginary: Forgotten histories of networked personal computing, 1978-1998.*

Committee: Henry Jenkins (chair), François Bar, Alison Trope.

M.S., Comparative Media Studies, 2009.

Massachusetts Institute of Technology, Cambridge, MA.

Thesis: *Stepping your game up: Technical innovation among young people of color in hip-hop.*

Committee: Henry Jenkins (chair), Beth Coleman, Wayne Marshall.

B.A., Visual Arts, 2002.

Assumption College, Worcester, MA.

Senior Thesis: *Origins of the Situationist International.*

Committee: Scott Glushien, Elizabeth Meyersohn, Jason Rosenfeld.

Additional coursework

Summer Doctoral Programme, Oxford Internet Institute, University of Oxford, Oxford, UK, 2012.

“Internet and Society: the Politics of Control” at the Berkman Center for Internet and Society, Harvard Law School via Harvard Extension School, Cambridge, MA, 2005.

Math and Science Partnership Program at the Harvard Graduate School of Education, Cambridge, MA, 2004.

## **Publications**

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Books

Mailland, J. & **Driscoll, K.** (2017). *Minitel: Welcome to the Internet*. Cambridge, MA: The MIT Press.

Peer-reviewed articles

**Driscoll, K.** and Paloque-Berges, C. (2017). “Searching for missing ‘net histories.’” *Internet Histories* 1, no. 1. doi:10.1080/24701475.2017.1307541.

Swartz, L. & **Driscoll, K.** (2016). "The Lonely Old Bitcoin Miner Touches Eternity." *Kings Review Journal*. Cambridge: Cambridge University.

Shin, J., Jian, L., **Driscoll, K.**, & Bar, F. (2016). Political Rumoring on Twitter During the 2012 US Presidential Election: Rumor Diffusion and Correction. *New Media and Society*. doi:10.1177/1461444816634054.

**Driscoll, K.**, and Thorson, K. (2015). Searching and Clustering Methodologies Connecting Political Communication Content across Platforms. *The ANNALS of the American Academy of Political and Social Science* 659, no. 1, 134–48. doi:10.1177/0002716215570570.

**Driscoll, K.** (2015). Professional work for nothing: Software commercialization and “An Open Letter to Hobbyists.” *Information & Culture*, 50, 2, 257-283. doi:10.7560/IC50207.

Brunton, F., **Driscoll, K.**, & Gillespie, T. (2014). Spam, and the Challenge of Chasing Shadows. *Journal of Broadcasting and Electronic Media*, 57, 4.

**Driscoll, K.** & Walker, S. (2014). Working within a black box: Transparency in the collection and production of big Twitter data. *International Journal of Communication*, 8. <http://ijoc.org/index.php/ijoc/article/view/2171>.

Vraga, E. K., Bode, L., Wells, C., **Driscoll, K.**, & Thorson, K. (2013). The Rules of Engagement: Comparing Two Social Protest Movements on YouTube. *Cyberpsychology, Behavior, and Social Networking*. doi:10.1089/cyber.2013.0117.

Thorson, K., **Driscoll, K.**, Ekdale, B., Edgerly, S., Thompson, L. G., Schrock, A., Swartz, L., Vraga, E. K., and Wells, C. (2013). YouTube, Twitter and the Occupy Movement: Connecting Content and Circulation Practices. *Information, Communication & Society*. doi:10.1080/1369118X.2012.756051.

**Driscoll, K.** (2012). From Punched Cards to “Big Data”: A Social History of Database Populism. *communication +1*, 1. Retrieved from: <http://scholarworks.umass.edu/cpo/vol1/iss1/4>

**Driscoll, K.**, and Diaz, J. (2009). Endless loop: A brief history of chiptunes. *Journal of Transformative Works and Cultures*, 2. doi:10.3983/twc.2009.0096

#### Book chapters

Swartz, L. and **Driscoll, K.** (2014). “I hate your politics but I love your diamonds”: The Web-based Interest-driven Messageboard as DIY Infrastructure. In M. Boler & M. Ratto (Eds.), *DIY Citizenship*, Cambridge, MA: MIT Press.

**Driscoll, K.** (2013). Case Study: Kevin Driscoll on Soulja Boy and Dance crazes. In H. Jenkins, S. Ford & J. Green (Eds.), *Spreadable Media: Creating Value and Meaning in a Networked Culture*, Cambridge, MA: MIT Press.

#### Relevant articles in the trade press

Mailland, J. and **Driscoll, K.** (2017). Minitel: The Online World France Built Before the Web. *IEEE Spectrum*, 54, 7: 32-37.

**Driscoll, K.** (2016). “Social Media’s Dial-up Roots.” *IEEE Spectrum* 53, no. 11 (November 2016): 54–60. doi:10.1109/MSPEC.2016.7607028.

#### Book reviews

Gerard Alberts and Ruth Oldenziel (eds.), *Hacking Europe*, H-Soz-Kult, 2017.

Tung-Hui Hu, *A Prehistory of the Cloud*, Los Angeles Review of Books, 2016.

Payal Arora, *The Leisure Commons: A Spatial History of Web 2.0*, IEEE Annals of the History of Computing, 2016.

Finn Brunton, *Spam: A Shadow History of the Internet*, Los Angeles Review of Books, 2013.

Evgeny Morozov, *To Save Everything, Click Here*, Los Angeles Review of Books, 2013.

Selected academic blog posts and podcasts

“Julien Mailland and Kevin Driscoll Talk Minitel,” *The MIT Press Blog*, 2017.

“Before the Internet, There Was Minitel,” *52 Insights*, 2017.

“Crowdfunding an archive: What’s worth saving and who’s gonna pay for it?,” *Civic Paths*, 2013.

“The Dark Side of DIY — Makerspaces and the Long, Weird History of DIY Hobbyists & Military Funding,” *Civic Paths*, 2013.

“Conversations on Epistemology and Expertise,” podcast with Hector Postigo, Josh Braun, and Seth Lewis, *Culture Digitally*, 2012.

“Protest code and the anti-SOPA blackout,” *Culture Digitally*, 2012.

## **Presentations**

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Conference presentations

Shin, J., Jian, L., **Driscoll, K.**, and Bar, F. (2017). The Diffusion of Misinformation on Social Media: Temporal Pattern, Message, and Source. *National Communication Association 103<sup>rd</sup> Annual Convention*, Dallas, TX, November 16-19, 2017. (**Top Paper in Mass Communication Division**)

**Driscoll, K.** (2017). Losing the Net: Narratives of decline among long-time internet users. *Association of Internet Researchers Conference*, Tartu, Estonia, October 18-21, 2017.

Shin, J., Jian, L., **Driscoll, K.**, and Bar, F. (2017). Lifecycle analysis of political misinformation on social media. *International Communication Association Convention*, San Diego, CA, May 26, 2017.

**Driscoll, K.** (2017). Who's Online? A Demography of Bulletin Board Systems in North America. *Home Computer Subcultures and Society Before the Internet Age*, University of Zürich, Zürich, Switzerland, March 24-25, 2017.

- Driscoll, K.** and Mailland, J. (2017). Micro-serveurs and micro-communities: Alternative networks on the margins of Minitel. *Command Lines: Software, Power and Performance*, Computer History Museum, Mountain View, CA, March 18-19, 2017.
- Nooney, L. and **Driscoll, K.** (2016). Re-Circulating Softtalk: Cross-Sector Collaboration for the Visualization and Re-enactment of American Apple II Culture. *Hands on History: Exploring New Methodologies for Media History Research*, London, UK, February 8-10 2016.
- Chatman, D. and **Driscoll, K.** (2016). “Olivia’s Hair Is Laid!”: Black Viewership and Live-tweeting during *Scandal*. *Society for Cinema and Media Studies*, Atlanta, GA, March 30-April 3, 2016.
- Driscoll, K.** (2015). Singing Data Over the Phone: A Social History of the Modem. *Association of Internet Researchers Conference*, Phoenix, Arizona, October 21-14, 2015.
- Shin, J., Jian, L., **Driscoll, K.**, & Bar, F. (2015). Political Rumoring on Twitter during the 2012 US presidential election: An exploratory study. *Association of Internet Researchers Conference*, Phoenix, Arizona, October 21-14, 2015.
- Shepherd, T., Srauy, S., **Driscoll, K.**, Swartz, L., & Postigo, H. (2015). Roundtable: Histories of Hating. *Association of Internet Researchers Conference*, Phoenix, Arizona, October 21-14, 2015.
- Leavitt, A., Guth, K., **Driscoll, K.**, & Bar, F. (2015). Beyond Big Bird: The Role of Humor in the Aggregate Interpretation of Live-Tweeted Events. *Association of Internet Researchers Conference*, Phoenix, Arizona, October 21-14, 2015.
- Driscoll, K.** (2015). Building a Grassroots Internet: Technical Culture and the Dial-Up Bulletin Board System. *Annual Meeting of the Society for the History of Technology (SHOT)*, Albuquerque, New Mexico, October 8-11, 2015.
- Shin, J., Jian, L., **Driscoll, K.**, & Bar, F. (2015). Network structure of rumor-tellers and debunkers. Paper presented in the Communication Networks division at the XXXV *Sunbelt Social Networks Conference*, Brighton, UK, June 23-28, 2015.
- Driscoll, K.** (2015). Shaping the social web: Recovering the contributions of bulletin board system operators. *Web Archives as Scholarly Sources: Issues, Practices and Perspectives*, Aarhus, Denmark, June, 2015.
- Mailland, J. and **K. Driscoll.** (2015). Minitel and the State. *International Communication Association Convention*, San Juan, Puerto Rico, May 23, 2015.
- Driscoll, K.** (2015). Dial-up origin stories: An alternative history of social media. *Mistakes Were Made*, New York University, New York City, NYC, April, 2015.

- Driscoll, K.** (2015). Beyond end-to-end: Lessons from store-and-forward inter-networking. *Society of Cinema and Media Studies Conference*, Montreal, Canada, March, 2015.
- Shin, J.E., Jian, L., **Driscoll, K.**, and Bar, F. (2014). Diffusion of Political Rumors on Twitter. *International Symposia of Green, Smart, Development and Vision (GSDV)*, Seoul, S. Korea. December, 2014.
- Weber, M., Evans, S. K., and **Driscoll, K.** (2014). "Seeking Structure in Anarchy: The Emergence of Organization in the Occupy Wall Street Movement." *National Communication Association Annual Convention*. Chicago, IL. October 20, 2014.
- Chatman, D. E., **Driscoll, K.**, Bar, F., Leavitt, A., and Wang, R. (2014). "Live-Tweeting *Scandal*: Twitter Communities and Modes of Social Engagement Amongst a Television Viewing Audience." *Association of Internet Researchers Conference*. Daegu, South Korea. October 24, 2014.
- Driscoll, K.** (2014). "Modem time: Accidental virtual currencies in the BBSes of 1990-1995." *Digital Cash! The Past and future of Electronic Payment*. University of California, Los Angeles, Los Angeles, CA. September 27, 2014.
- Chatman, D. E., **Driscoll, K.**, and Bar, F. (2014). "'Be quiet, #Scandal is on!': Black Twitter and the Practice of Live-Tweeting." *International Communication Association Convention*. Seattle, WA. May 23, 2014.
- Driscoll, K.** Ananny, M., Bar, F., Guth, K., Kazemzadeh, A., Leavitt, A. and Thorson, K. (2013). "Big Bird, Binders, and Bayonets: Humor and live-tweeting during the 2012 U.S. Presidential Debates." *Association of Internet Researchers Conference*. Denver, Colorado. October 23-26, 2013.
- Bar, F., **Driscoll, K.**, Guth, K., and Leavitt, A. (2013). "Examining the Role of Humor in the Presidential Debate Tweet-stream." *National Communication Association Convention*. Washington, D.C. November 21-24, 2013.
- Driscoll, K.** (2013). "DIY data-mining in the homegrown archives of hobbyist computing." *Annual Meeting of the Society for Social Studies of Science (4S)*. San Diego, CA. October 9-12, 2013.
- Driscoll, K.** (2013). "Producing the 'amateur' in pre-regulation U.S. Radio, 1899-1912." *International Communication Association Convention*. London, UK. June 17-21, 2013.
- Driscoll, K.** (2013). "Public Culture, Private Infrastructure: Alternative Histories of the Internet." *Media in Transition 8*. Massachusetts Institute of Technology, Cambridge, MA. May 3-5, 2013.

- Driscoll, K.** (2013). "Data Laundering: Visibility and the politics of being counted." *Media in Transition 8*. Massachusetts Institute of Technology, Cambridge, MA. May 3-5, 2013. Presentation as part of a panel titled "The Dark Side of Spreadability" with Sam Ford, Kate Miltner, Whitney Phillips, Jonathan Zittrain, and Chris Weaver.
- Driscoll, K.** (2013). "Dial-up, hotspots, and roaming charges: Local cultures of internet access." *Southwest Texas Popular Culture and American Culture Association, 34th Annual Conference*. Albuquerque, NM. February 13-16, 2013.
- Driscoll, K.** (2013). "Crank Dat Soulja Boy." *Society for Cinema and Media Studies Conference*. Chicago, IL. March 6-10, 2013. Presentation as part of a panel of contributors to *Spreadable Media* with Henry Jenkins, Whitney Phillips, Ethan Tussey, and Sam Ford.
- Driscoll, K.** (2012). "Tools, platforms, services: Determining the protest space." *Association of Internet Researchers Annual Conference*. Manchester, UK. October 18-21, 2012. Presentation as part of a panel titled "Affordances, technical agency, and the politics of technologies of cultural production" co-organized with Hector Postigo, Joshua McVeigh-Schultz, and Sam Srauy.
- Thorson, K., **Driscoll, K.**, Ekdale, B., Edgerly, S., and Schrock, A. (2012). "YouTube, Twitter and the Occupy Movement: Connecting content and circulation practices." *Association of Internet Researchers Annual Conference*. Manchester, UK. October 18-21, 2012.
- Swartz, L., **Driscoll, K.**, Thompson, L. Kim, Y. M., McVeigh-Schultz, J., and Schrock, A. (2012). "Act Globally, Think Locally: Interconnection of Scale in the Occupy Movement." *Association of Internet Researchers Annual Conference*. Manchester, UK. October 18-21, 2012.
- Mailland, J. and **Driscoll, K.** (2012). "Minitel Terminal as a Twitter Client." *Telecommunications Policy Research Conference (TPRC)*. Arlington, VA. September 21-23, 2012.
- Driscoll, K.**, Thorson, K., Swartz, L., McVeigh-Schultz, J., Schrock, A., Thompson, L. G., Bode, L. Shah, D., and Kim, Y. M. (2012). "How can we study Occupy Wall Street?: A multi-method approach to a multi-modal social movement." *Occupy ICA Pre-conference, International Communication Association Convention*. Phoenix, AZ. May 24, 2012.
- Driscoll, K.** (2012). "Fears of censorship in Occupy Wall Street." *Participation!/Exploitation?*. Part.Public.Part.Lab, University of California, Los Angeles, CA. March 16, 2012.
- Driscoll, K.** (2012). "When Dream Machines Come True: Re-reading Ted Nelson's Speculative Non-Fiction." *Southwest Texas Popular Culture and American Culture Association, 33rd Annual Conference*. Albuquerque, NM. 2012.
- Driscoll, K.** (2012). "Code Critique: Altair music of a sort." *Critical Code Studies Working Group* (online conference). January 30-February 20, 2012.

**Driscoll, K.** (2011). "Revisiting Bill Gates' 'An Open Letter to Hobbyists.'" *Media in Transition* 7. Massachusetts Institute of Technology, Cambridge, MA. May 13-15, 2011.

**Driscoll, K.**, McVeigh-Schultz, J., and Swartz, L. (2011). "Thinking through Code: DIY data-mining and the politics of off-topic forums." *Digital Media and Learning Conference*. Long Beach, CA. March 1-3, 2011.

**Driscoll, K.** (2010). "Unlimited talk and text: Visual artifacts of telephony on Vermont Ave." *Annenberg Research and Creative Project Symposium*. University of Southern California, Los Angeles, CA. April 29, 2010.

**Driscoll, K.** (2010). "Dude, where's my video?: Living Room Rock Gods and the Tribute is NOT Theft campaign." *Society for Ethnomusicology, 55th Annual Meeting*. Los Angeles, CA. November 11-14, 2010.

Van Someren, A., Chau, C., Swartz, L., Vichot, R., Stokes, B., Mehta, R., Kido Lopez, L., Klink, M. F., **Driscoll, K.**, McVeigh-Schultz, J., and Brough, M. (2010). "From Fan Activism to Political Activism: Participatory Democracy around Popular Media Affinity Groups." *Digital Media and Learning Conference*. University of California, San Diego, CA. January 22, 2010.

**Driscoll, K.** (2009). "YouTube Decay." *Culture Combat Conference*. Brandeis University, Waltham, MA. March 14, 2009.

#### Selected keynotes and invited talks

"Things that Think: Lay theories of A.I.," invited speaker, Human and Machine Intelligence Group, Humanities Informatics Lab, University of Virginia, Charlottesville, VA, November 8, 2017.

"Platforms in the Public Interest: Lessons from Minitel," colloquium speaker, Comparative Media Studies, Massachusetts Institute of Technology, Cambridge, MA, September 21, 2017.

"Platforms in the Public Interest: Lessons from Minitel," invited lecture, School of Literature, Media, and Communication, Georgia Tech, Atlanta, GA, September 9, 2017.

"Platforms in the Public Interest: Lessons from Minitel," invited lecture, *Border Sessions*, The Hague, NL, June 29, 2017.

"Dial-Up: A Grassroots History of Social Media," invited lecture, *The Making of the Digital World*, GHI Spring Lecture Series (organized by Anne Schenderlein and Elisabeth Engel), German Historical Institute, Washington, DC, April 20, 2017.

"Reinventing the past and future of taken-for-granted media infrastructures," invited lecture, School of Communication and Culture, Aarhus University, Aarhus, DK. April 1, 2016.



“Re-calling the modem world,” colloquium speaker, Comparative Media Studies, *Massachusetts Institute of Technology*. Cambridge, MA. April 9, 2015.

“Forgotten histories of the internet,” invited speaker, *F.A.T. 5 GOLD: Five Years of Free Art & Technology*, Eyebeam Art + Technology Center, NYC, 2013.

“Digital Tensions,” invited speaker, *University of Southern California Symposium on Digital Media*. Santa Monica, CA. December 7-8, 2012. Presentation on a panel with Marty Kaplan, Jack Lerner, Herb Schorr, Ellen Seiter, and Holly Willis.

“Free culture and the pop music industry,” keynote speaker, *Open Access Week*, University of Redlands, 2011.

“A critical history of free culture,” keynote speaker, *Open Access Week*, University of Redlands, 2010.

“Everybody's Doing A Brand New Dance Now,” invited speaker, *Comparative Media Studies Colloquium*, Massachusetts Institute of Technology, 2008.

“Thanx 4 Da Add: How Soulja Boy Hacked Mainstream Music,” invited speaker, *Harvard-Yale-MIT Cyberscholars Working Group*, 2007.

Selected interviews, panel presentations, and workshops

“404 History Not Found: Challenges in Internet History and Memory,” co-organizer with Camille Paloque-Berges, pre-conference, The 17<sup>th</sup> annual meeting of the Association of Internet Researchers (AoIR 2016), Berlin, 2016.

“Everything worth a damn on the internet grew out of grassroots DIY communities,” Boston Hassle Telethon, Somerville Community Access Television (SCAT), 2016.

“Occupy this Seminar!,” workshop presentation with Joshua McVeigh-Schultz and Adam Liszkiewickz, Interactive Media Division, University of Southern California, 2011.

“This is the Remix: Fair Use in Hip-Hop Culture,” moderated discussion with DJ Ripley and members of the rap group Das Racist, *World's Fair Use Day*, Washington D.C., 2011.

“Remix culture, music, and the arts,” moderated discussion with artists Laurel Halo, Joel Ford (Games, Airbird), Daniel Lopatin (Games, Oneohtrix Point Never), Ryan Sciaino (DJ Ghostdad), and Bennett Williamson, *Students for Free Culture Conference*, New York University, 2011.

“Who's Holding the Camera? The Co-Evolution of Open Video and Skateboarding,” workshop with Emily Chivers Yochim, *Open Video Conference*, New York City, 2010.

“Q&A with Tom Jennings, Founder of Fidonet,” interview, *ROFLcon II*, Massachusetts Institute of Technology, 2010.

“The Politics of Video Sampling: Slash and Remix Culture,” panel discussion with Carmin Karasic and Renee Lloyd, *Boston Cyberarts Festival*, 2009.

“Endless loop: A brief history of chiptunes,” workshop presentation with Joshua Diaz, *XOR Con*, Harvard University, 2009.

“Work it, Move it, Bang it, Bump it: Crank Dat Online Dance Craze,” workshop presentation, *ROFLCon*, 2008.

“Free Culture Activism and the Mass Media Conversation,” workshop presentation, *Beyond Broadcast*, Massachusetts Institute of Technology, Cambridge, MA, 2007.

“Kids 'n' Code: Hacking K-12 Computer Science,” workshop presentation, Boston Ruby Group, 2007.

“TeachForward: Itch/ Scratch,” workshop presentation, *iSummit*, iCommons, Rio de Janeiro, Brazil, 2006.

“Free the curriculum: Supporting educators with open content,” workshop presentation with Robert Lucas, *Wikimania*, Harvard Law School, Cambridge, MA, 2006.

“Tomorrow's Learner Today,” workshop presentation, *Brain Gain, Education Technologies and Multimedia Development*, Harvard Business School, Cambridge, MA, 2006.

### **Formal collaborations**

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Invited participant, Culture Digitally, 2011-Present.

Contributed to a multi-year, NSF-funded workshop series on cultural production in the digital age. Organized and presented on a themed panel presentation at the Association of Internet Researchers conference, appeared on the *Culture Digitally* podcast, and wrote for the *Culture Digitally* blog.

Research Assistant for Kjerstin Thorson, University of Southern California, 2013.

Developed a methodology for analyzing online communication across multiple platforms using a combination of large-scale computational analyses, quantitative content analysis, and qualitative discourse analysis.

Research Assistant for François Bar, Annenberg Innovation Lab, University of Southern California, 2012, 2013.

Coordinated an interdisciplinary group of researchers using mass-scale Twitter data to explore various features of Occupy Wall Street, the 2012 U.S. general election, and related social phenomena. Implemented custom analytic software and distributed data storage using Python and MongoDB.

Co-founder, Minitel Research Lab, 2011-Present.

Produced and maintained an online archive of Minitel, Teletel, and videotex-related artifacts.

Research Assistant, Civic Paths, University of Southern California, 2011.

Developed and managed software projects for the collection, organization, and analysis of digital artifacts. Lead initial research of Southern California Occupy protests with special attention to the use of Twitter, YouTube, and streaming video services.

Research Assistant for Sarah Banet-Weiser, University of Southern California, 2010-2011.

Conducted original research, prepared notes for lectures, and edited book projects including *Commodity Activism: Cultural Resistance in Neoliberal Times* (New York University Press, 2012) and *Authentic™: Political Possibility in a Brand Culture* (New York University Press, 2012).

Research Assistant, The Education Arcade, Massachusetts Institute of Technology, 2009.

Developed paper and electronic prototype games for foreign language learners.

Research Assistant, Singapore-Massachusetts Institute of Technology GAMBIT Game Lab, 2007-2009.

Provided organizational, technical and research support to undergraduate teams during the production of three completed games: *Picopoke*, *Waker*, and *Woosh*. Developed several additional game prototypes for Facebook, non-smartphone mobile, and PC platforms.

## Teaching

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### Undergraduate Courses

2018	MDST 3500	Comparative Histories of the Internet
	MDST 4803	Computational Media
2017	MDST 3050	History of Media
	MDST 3500	Comparative Histories of the Internet

	MDST 4559	Computational Media
	SARC 5500	Rise of the Bots: Artificial Intelligence
2016	MDST 4559	Social Media and the General Election
	MDST 3559	Comparative Histories of the Internet

#### Professional experience

Instructor, “Being Interested in Boring Things: Studying the Infrastructures of our Everyday Digital Lives,” Theme Week, School of Communication and Culture, Aarhus University, Aarhus, DK, March 29-April 1, 2016.

Designed and taught a week-long seminar (approximately 30 hours of class time) on infrastructure studies for Masters students in the Digital Living program. Original curriculum developed and delivered in collaboration with Lana Swartz. In addition to classroom instruction, we provided individual mentoring for six student projects.

Instructor, ASIMS, Annenberg School for Communication and Journalism, University of Southern California, Los Angeles, CA, 2013.

Co-taught with Dr. Lian Jian a two-week graduate seminar on web scraping for communication scholars using the Python programming language. Collaborated with Dr. Jian on the syllabus, delivered half of the lectures, and provided individual mentoring for over a dozen student projects.

Lead Teacher, Computer Science and Mathematics, Prospect Hill Academy Charter School, Cambridge, MA, 2004- 2007.

Developed and taught complete computer science curriculum for grades 6-12. Taught Algebra and Pre-Calculus for grades 10-12. Homeroom advisor for students in grades 8 and 9. Advisor for extra-curricular Media and Hip-hop Clubs. Faculty representative for Art, Music, Physical Education, and Computer Science. Faculty advisor for individual Senior Projects.

Instructor, Institute of Contemporary Art, Boston, MA, 2007-2009.

Developed and taught courses in digital media for ages 12-18. Developed and taught professional development workshops in digital media for K-12 art teachers.

Instructor, Worcester Art Museum, Worcester, MA. 2002-2003.

Developed and taught workshops in digital media, photography, drawing, and printmaking for students ages 10-18.

#### Assistantships

COMM.395, Gender and Media, Alison Trope, University of Southern California, 2010, 2011, 2012, 2013.

Responsible for two weekly discussion sections, writing exam and paper prompts, and grading student work.

COMM.202, Communication and Technology, Henry Jenkins, University of Southern California, 2011.

Responsible for two weekly discussion sections and grading student work. Delivered two guest lectures. Moderated student “backchannel” during lectures.

COMM.371, Censorship and the Law, Michael Overing, University of Southern California, 2010.

Responsible for writing exams, grading student work, and participating in weekly Socratic seminars. Delivered one guest lecture.

21W.789, Communicating with Mobile Technology, Ed Barrett, Massachusetts Institute of Technology, 2009.

Responsible for mentoring student teams through the process of developing a working prototype of a mobile applications. Delivered one guest lecture.

CMS.100 Introduction to Media Studies, Beth Coleman, Massachusetts Institute of Technology, 2008.

Responsible for grading student work, participating in weekly class meetings, and mentoring students through the realization of multimedia projects. Delivered one guest lecture.

CMS.400 Media Systems and Texts, Henry Jenkins, Massachusetts Institute of Technology, 2008.

Responsible for grading student work and participating in weekly class meetings. Delivered one guest lecture.

Graphic Design II, Scott Glushien, Assumption College, 2001.

Responsible for grading student work and providing hands-on assistance in a computer lab environment. (This was a continuing education course for adult learners.)

Graphic Design I, Elizabeth Meyersohn, Assumption College, 2000.

Responsible for grading student work and providing hands-on assistance in a computer lab environment. Delivered one guest lecture.

#### Selected guest lectures

“Media histories, archives, and historiography,” MDST 4000, Media Theory and Methods, University of Virginia, Charlottesville, VA, 2017.

“The modem world: Grassroots computer networking, 1978-1988,” COMM.400, Massachusetts Institute of Technology, Cambridge, MA, 2015.

“The modem world: Grassroots computer networks, 1978-1988,” TEL-T.322, TEL-T.413, Indiana University, Bloomington, IN, 2014.

“Database populism past and present,” INFO.340, University of Washington, 2014.

“The history and technical structure of the internet and the WWW,” COMM.202, University of Southern California, 2014.

“Reading Ted Nelson,” IML.400, University of Southern California, 2012.

“A history of mixtape technology in hip-hop culture,” MUS.168J, University of California, Santa Barbara, 2011.

“Hackers, hobbyists, and companion machines,” COMM.202, University of Southern California, 2011.

“Art and free culture activism,” Michael Trigilio, University of California, San Diego, 2010.

“Make Do With What You Have / Take What You Can Get: Youth Media and Constraint, '80-'08,” CMS.100, Massachusetts Institute of Technology, 2008.

“The Hip-Hop Approach: Technology, Ambiance, and Orality in Popular Music,” CMS.400, Massachusetts Institute of Technology, 2008.

#### **Awards**

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The Graduate School Travel Award, University of Southern California, 2013.

Selected participant, Oxford Internet Institute Summer Doctoral Programme, University of Oxford, UK, 2012.

Annenberg School for Communication and Journalism Travel Grant, University of Southern California, 2010, 2011, 2012, 2013.

Graduate Student Government Travel Grant, University of Southern California, 2010, 2011, 2012, 2013.

University of Southern California Annenberg Graduate Fellowship (fully funded), 2009, 2010, 2012, 2013.

Hugh Hampton Young Memorial Fellowship, Massachusetts Institute of Technology, 2008.

Research assistantship (fully funded), Massachusetts Institute of Technology, 2007, 2008, 2009.

iCommons Summit Scholar, Dubrovnik, Croatia, 2007.

iCommons Summit Scholar, Rio de Janeiro, Brazil, 2006.

Calderwood Writing Fellowship, Boston, MA, 2005.

## **Service**

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Organizer, *404 History Not Found: Challenges in Internet History and Memory Studies*, Preconference, Association of Internet Researchers Conference, Berlin, Germany, October 5, 2016.

Editorial Board, *Internet Histories: Digital Technology, Culture & Society*, 2016-Present.

Editorial Board, *Social Media + Society*, 2014-Present.

Contributor, The Critical Media Project, 2013.

Technology Representative, Annenberg School for Communication and Journalism Graduate Student Association, 2010-2011.

Founding trustee, Awesome Foundation, Los Angeles, CA, 2009-2013.

Board of Directors, Students for Free Culture Inc., 2008-2011.

Founding member, MIT Free Culture, 2007-2009.

Mentor, Summer of Content, One Laptop Per Child, 2007.

Founding board member, Developing Curriculum Inc. (previously TeachForward), 2005-2008.

## **Software**

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Selected releases

*PyMetrify*, developer, 2013.

Python module for researchers who are handling medium-sized collections of tweets in Activity Streams format. PyMetrify generates descriptive statistics in machine- and human-readable formats comparable to the output of *metrify.awk*, a popular tool released by Axel Bruns and the Mapping Online Publics research group.  
<https://github.com/driscoll/pymetrify>

*KCHUNG*, developer, 2013.

Public-facing website, backend for volunteers, and automated data archive for an independent radio station broadcasting and streaming from the Chinatown neighborhood of Los Angeles. In daily use by over eighty volunteers, DJs, and engineers.  
<http://kchungradio.org/>

*YouTomb*, team member, MIT Free Culture, 2008-2009.

Protest software that monitors the systematic removal of videos from YouTube.  
<http://youtomb.mit.edu>

*Waker*, research assistant, Singapore-MIT GAMBIT Game Lab, 2009.

Platformer game in which players are presented with puzzles that implicitly require engagement with the principles of displacement and velocity to proceed.  
Indie Game Challenge Finalist, 2010.  
Selected for the Boston Indie Showcase, 2010.  
<http://gambit.mit.edu/loadgame/waker.php>

*Woosh*, research assistant, Singapore-MIT GAMBIT Game Lab, 2009.

Companion to Waker with all representative character designs and narrative elements replaced by abstract art and ambiguous context.  
<http://gambit.mit.edu/loadgame/woosh.php>

*Picopoke*, product owner, Singapore-MIT GAMBIT Game Lab, 2008.

Pervasive mobile game in which players compete in week-long photography challenges which are then judged by their peers.  
Independent Games Festival Mobile Finalist: Next Great Mobile Game, 2009.  
<http://gambit.mit.edu/loadgame/picopoke.php>

*Holla at Me SMS Toolkit*, with Geeta Dayal, Center for Future Civic Media, 2008



Low-cost, adaptable mobile toolkit designed to support and enhance communication for a diverse range of civic groups.

### ***Professional software experience***

QA/Automation engineer, Courion Corporation, Framingham, MA, 1999-2002.

Developed and deployed automated test suite for nightly builds. Executed and maintained manual test plans. Provided professional services to customers in the field.

### **Broadcasting**

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*Feature Phone*, KCHUNG 1630 AM, Los Angeles, 2013, 2014.

*Todo Mundo*, WMBR 88.1 FM, Cambridge, MA, 2008, 2009.

*Global Frequency*, WMBR 88.1 FM, Cambridge, MA, 2007, 2008, 2009.

### **Selected art works and exhibitions**

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*Modems Matter*, installation, Annex, Ace Hotel, New York City, NY, 2016.

*Lonely Old Bitcoin Miner*, installation, Ace Hotel, New York City, NY, 2016.

*Animated GIF zoetrope*, PDF, installation, Microfortnight, Public Assembly, Brooklyn, NY, 2011.

*Stay Fly (Robotrip Edit)*, installation, video, Anna Kournikova Deleted By Memeright Trusted System: Art in the Age of Intellectual Property, HMKV, Dortmund-Hö, DE, 2008.

*Good Day*, video, Comparative Media Studies Media Spectacle, Massachusetts Institute of Technology, 2009.

*U n mii 2gether*, video, Proof Gallery, South Boston, MA, 2008.

*Cop Heaven*, performance, radio broadcast, in collaboration with Bone Zone, WMBR, Cambridge, MA, 2008.

*Personal Computer*, curator, Second Gallery, South Boston, MA, 2007.

*MediaDefendr (beta)*, web site, in collaboration with Ben Sisto, 2007.

*Better Off Alone*, performance, Samson Projects, Boston, MA, 2007.

*Tuxset tuxset tuxset*, videotex, Microtel, broadcast on Netherlands's NOS TV station, 2006.

*Performance for 7 Cell Phones*, performance, Harvard University, Cambridge, USA, 2006.

*Offering to Xavier Cha's Horn of Plenty*, performance, Taxter and Spengemann Gallery, New York City, NY, 2006.

*Memories Forever*, performance, Robert Melee's Talent Show, the Kitchen, New York City, NY, 2005.

*RIAA-Mix*, web site, audio CD, in collaboration with Ben Sisto, 2004.

*Jay-Z Construction Set*, web site, CD-ROM, in collaboration with Ben Sisto, 2004.

## **Skills**

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### Programming languages

Python, Javascript/jQuery, PHP, Flex/ActionScript, HTML5, CSS, SQL, shell scripting

### Database management systems

MongoDB, MySQL, PostgreSQL, SQLite

### Media production

Digital video and audio editing, graphic design for print and screen, radio and club DJing

### Languages

Spanish (proficient reading/writing, competent speaking)

### Amateur radio

Technician Class, KJ6KVC

## References

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