

Dillon N Mahmoudi

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EDUCATION

- 2017** **Ph.D., Urban Studies**
Toulan School of Urban Studies and Planning (USP).
Dissertation: “Making Software, Making Regions: Networks, Segmentation and Diversity.”
Committee: Greg Schrock (Chair), Sy Adler, Amy Lubitow (Sociology), Nathan McClintock.
Economic development; labor and technology in society.
- 2016** **Graduate Certificate, Geographic Information Science (GIS)**
Department of Geography, Portland State University.
Modifiable areal unit problem (MAUP); spatial statistics.
- 2006** **B.S., Computer Science**
College of Computing, Georgia Institute of Technology.
Software engineering; cognitive science.

ACADEMIC EMPLOYMENT

- 2017** Research Fellow, Leuphana Universität, Lüneberg, Germany.
Digital Cultures Research Lab.
- 2009–** Graduate Research Assistant, Portland State University, Portland, OR.
Center for Urban Studies, Community Environmental Services, Institute of Metropolitan Studies, Portland State Foundation, Intel Corporation.
- 2004–2005** Undergraduate Research Assistant, Georgia Institute of Technology, Atlanta, GA.
Cognition and Learning in Interdisciplinary Cultures, Regents’ Professor Nancy Nersessian.

SELECTED PROFESSIONAL EMPLOYMENT

- 2011–** Senior Research Associate, City Observatory & Impresa Consulting, Portland, OR.
Urban research, urban commentary, data specialist, digital and interactive map production.
Clients include: The John S. and James L. Knight Foundation; The National Trust for Historic Preservation; ArtPlace America; and CEOs for Cities.
- 2006–2009** Product Manager, Web & eCommerce, National Instruments, Austin, TX.
- 2003–2004** Software Automation Engineer, .NET and Visual Studio, Microsoft, Dublin, Ireland.
- 1999–2001** Software Test Engineer Intern, Hardware, Microsoft, Redmond, WA.

PUBLICATIONS

Peer-reviewed Journal Articles

- 2016 Thatcher, Jim, David O'Sullivan and Dillon Mahmoudi. "Data Colonialism through Accumulation by Dispossession: New metaphors for daily data." *Environment and Planning D: Society and Space* 34 (6): 990-1006. doi:10.1177/0263775816633195
- Powe, Michael, Emily Talen, Jonathan Mabry and Dillon Mahmoudi. "Jane Jacobs and the Value of Older, Smaller Buildings." *Journal of the American Planning Association* 82 (2): 1-14. doi:10.1080/01944363.2015.1135072
- McClintock, Nathan, Dillon Mahmoudi, Michael Simpson and Jacinto Pereira Santos. "Socio-spatial differentiation in the Sustainable City: A mixed-methods assessment of residential gardens in metropolitan Portland, Oregon, USA." *Landscape and Urban Planning* 148 (April): 1-16. doi:10.1016/j.landurbplan.2015.12.008
- Mahmoudi, Dillon, and Anthony Levenda. 2016. "Beyond the Screen: Uneven Geographies, Digital Labour, and the City of Cognitive-Cultural Capitalism." *tripleC: Communication, Capital and Critique* 14 (1) (February): 99-120. Permalink
- 2015 Levenda, Anthony, Dillon Mahmoudi, and Gerald Sussman. "The Neoliberal Politics of 'Smart': Electricity Consumption, Data Analytics, and Ubiquitous Financialization." *Canadian Journal of Communication* 40 (4) (November): 615-636. PDXScholar
- 2013 Seltzer, Ethan, and Dillon Mahmoudi. "Citizen Participation, Open Innovation, and Crowdsourcing: Challenges and Opportunities for Planning." *Journal of Planning Literature* 28 (1) (February): 3-18. doi:10.1177/0885412212469112

Articles In Progress

- Mahmoudi, Dillon. "Feminization of Software Labor: Segmentation, Bifurcation and Deskilling."
- Mahmoudi, Dillon. "The Always Emerging Geography of Software Production."
- Levenda, Anthony, and Dillon Mahmoudi. "Locating Digital Capitalism: The New Urban Frontier."
- Mahmoudi, Dillon, Amy Lubitow and Nathan Rochester. "Barriers to Urban Mobility: An Engaged Methods for Vulnerable Populations."
- Mahmoudi, Dillon, David O'Sullivan and Jim E Thatcher. "Dead Digital Labor: Historical Materialism and GeoJSON."
- Mahmoudi, Dillon and Greg Schrock. "The Changing Nature of High-Tech and I-Tech Industries."

Book Chapters

* Denotes invited chapters

In progress * Mahmoudi, Dillon. "Equality" in *Digital Geographies* edited by James Ash, Rob Kitchin, and Agnieszka Leszczynski. SAGE.

Commentary

2016 Attendees of the Revisiting Critical GIS Meeting. "**Revisiting critical GIS.**" *Environment and Planning A* 48 (5) (May): 815-824. doi:10.1177/0308518X15622208

Book Reviews

2017 Lubitow, Amy, and Dillon Mahmoudi. "**Review of *Bike Lanes Are White Lanes: Bicycle Advocacy and Urban Planning* by Melody L. Hoffmann.**" Forthcoming in *Urban Geography*. doi:10.1080/02723638.2016.1248884

Reports

2016 Lubitow, Amy, Dillon Mahmoudi, Emma Deppa, Santiago Mendez, Raquel Nasser Stevens, Nathan Rochester, Kylas Tompkins. December. "**Understanding Spatial Equity in Portland, Oregon.**" Prepared for the City of Portland.

Cortright, Joseph, and Dillon Mahmoudi. April. "**The Storefront Index.**" City Observatory.

2014 Cortright, Joseph, and Dillon Mahmoudi. December. "**Lost in Place: Why the persistence and spread of concentrated poverty, not gentrification, is our biggest urban challenge.**" City Observatory.

Project collaborator with Preservation Green Lab. May. "**Older, Smaller, Better: Measuring how the character of buildings and blocks influences urban vitality.**" National Trust for Historic Preservation. Executive Summary PDF.

Cortright, Joseph, and Dillon Mahmoudi. May. "**Neighborhood Change, 1970 to 2010: Transition and Growth in Urban High Poverty Neighborhoods.**" Impresa Consulting.

Encyclopedia Entries

In progress Mahmoudi, Dillon. "Dot-com Bubble" in *The Sage Encyclopedia of the Internet* edited by Barney Warf. *Contracted*.

Mahmoudi, Dillon. "Cloud Computing" in *The Sage Encyclopedia of the Internet* edited by Barney Warf. *Contracted*.

Selected Maps

- 2016 The Storefront Index. City Observatory. April. Interactive Web Map.
<http://www.cityobservatory.org/maps/storefronts/>
- 2014 Lost In Place. City Observatory. December. Interactive Web Map.
<http://cityobservatory.org/maps/lostinplace/>
- 2013 America's Top Artplaces 2013. ArtPlace America. Print.
<http://dillonm.io/articles/americanstopartplaces2013.pdf>
- 2011 Portland Badassness Map. March. Print.
<http://dillonm.io/files/PortlandBadassnessMap2011March.pdf>

CONFERENCE PARTICIPATION

Conferences Organized

- 2016 **Space of Struggle: Radical Planning Mini-Conference**, Portland, OR. November.
 Sponsored by *Critical Planning* and Planners Network.
- 2015 **Critical Geographies Mini-Conference**, Portland, OR. November.

Conference Presentations and Organized Panels

- 2017 Mahmoudi, Dillon. April. "Code Yourself To A Better Future: The Feminization of Software Labor." Annual Conference of the American Association of Geographers (AAG). San Francisco, CA.
Session co-organizer. April. "Real Estate Technologies." Annual Conference of the American Association of Geographers (AAG). San Francisco, CA.
- 2016 Mahmoudi, Dillon. November. "Making Software, Making Regions." Annual Conference of the American Collegiate Schools of Planning Congress (ACSP). Portland, OR.
 Mahmoudi, Dillon. June. "Labor Market Segmentation and Software Work." Annual Conference of the North American Regional Studies Association (RSA). Atlanta, GA.
 Mahmoudi, Dillon. April. "Apologies for the Following Quantitative Data: Success and Failure in Data-Driven Projects." Annual Conference of the American Association of Geographers (AAG). San Francisco, CA.
 Denham, Diana, Amy Coplen, Dillon Mahmoudi, Adam Brunelle and Nathan McClintock. April. "Urban agriculture and gentrification in sustainable cities: a case study from Montreal and Portland." Annual Conference of the American Association of Geographers (AAG). San Francisco, CA.
Session co-organizer. April. "Political Ecologies of Technology #aagPOET." Annual Conference of the American Association of Geographers (AAG). San Francisco, CA.
 Mahmoudi, Dillon. March. "Regional Software Production and Economic Development: Portland, Seattle and Austin." Annual Conference of the Urban Affairs Association (UAA). San Diego, CA.

Levenda, Anthony and Dillon Mahmoudi. February. "The Third-Wave Urbanization of Nature: Political Ecology and Cognitive-Cultural Capitalism." *Dimensions of Political Ecology (DOPE)*. Lexington, KY.

Session co-organizer and discussant. February. "Political Ecologies of Technology #dope-POET." *Dimensions of Political Ecology (DOPE)*. Lexington, KY.

2015 Mahmoudi, Dillon. October. "Regional Software Production: Firms, Labor-Markets and Place." Annual Conference of the American Collegiate Schools of Planning Congress (ACSP). Houston, TX.

Mahmoudi, Dillon. April. "What's in a File Type? On Making Maps Critically by Deconstructing the Digital Map." Annual Conference of the American Association of Geographers (AAG). Chicago, IL.

Levenda, Anthony, Dillon Mahmoudi, and Gerald Sussman. April. "The Neoliberal Politics of 'Smart': Electricity Consumption, Data Analytics, and Ubiquitous Financialization." Annual Western Social Sciences Association. Portland, OR.

Howland, Steven and Dillon Mahmoudi. April. "Carsharing Access: Car2Go and Getaround in Portland, Oregon." Urban Affairs Association (UAA). Miami, FL.

Mahmoudi, Dillon. February. "The Role of ICTs in the Urbanization of Nature: Data Centers in Oregon." *Dimensions of Political Ecology (DOPE)*. Lexington, KY.

2014 Mahmoudi, Dillon. October. "Open-Innovation in Software Production: Portland, Oregon." Annual Conference of the American Collegiate Schools of Planning Congress (ACSP). Philadelphia, PA.

2013 Mahmoudi, Dillon, and Greg Schrock. July. "High-Tech and I-Tech Revisited." Joint Association of European Schools of Planning/American Collegiate Schools of Planning Congress (AESOP/ACSP). Dublin, Ireland.

Mahmoudi, Dillon, and Joseph Cortright. April. "Metropolitan Patterns of Income Inequality: Off the Census Tract, on the Grid." Annual Conference of the American Association of Geographers (AAG). Los Angeles, CA.

2012 Mahmoudi, Dillon, and Ethan Seltzer. November. "Big Ideas: Crowdsourcing and Citizen Participation in Omaha, Nebraska." Annual Conference of the American Collegiate Schools of Planning (ACSP). Cincinnati, OH.

AWARDS, HONORS & WORKSHOPS

2016 Hackademia Computing Cultures Summer School, Lüneberg, Germany. Delegate. August.
Oxford Internet Institute Summer Doctoral Programme, University of Oxford, UK. Delegate. July.

Summer Institute of Urban Studies, Manchester, UK. Delegate. June.

2015 Authors Meets Critics, *International Journal of Urban and Regional Research*. Critic.

2014 Revisiting Critical GIS, Friday Harbor, University of Washington. Participant. October.
Summer Institute of Economic Geography, Frankfurt am Main, Germany. Delegate. July.

GRANTS

- 2015 Urban Form, Inclusion, and Diversity (\$26,500) City Observatory and Knight Foundation. Co-PI with Greg Schrock.
- 2014 Open Innovation in the Software Sector (\$25,000) City Observatory and Knight Foundation. Co-PI with Greg Schrock.
Travel Award (\$625). Institute for Sustainable Solutions, PSU.
- 2013 Travel Award (\$200). Marie Brown Travel Award, PSU.
- 2012 Travel Award (\$200). Marie Brown Travel Award, PSU.

TEACHING

Instructor

- 2017 PSU USP 452, GIS for Community Development.

Teaching Assistant

- 2015 PSU USP 440, Measuring People and Communities in an Urban Context.
- 2014 PSU USP 452, GIS for Community Development.
- 2002 Georgia Tech UNIV 1000, Freshman Orientation.

SERVICE

Profession

Referee: *Growth and Change: A Journal of Urban and Regional Policy*; *Challenges in Sustainability*; *tripleC: Communication, Capital, Critique*.

University

- 2014-2016 PSU Graduate Employees Union, Organizing Committee, Member.
- 2015 PSU USP, Funding Task Force, Student Representative.
- 2013 PSU USP, Urban Studies Student Group, Founder & President.
- 2012 PSU USP, Executive Committee, PhD Representative.
- 2011 PSU USP, Executive Committee, Representative-at-large.
- 2009-2010 PSU USP, Executive Committee, Masters Representative.

Community

- 2013-2015 World Affairs Council, Young Professionals Steering Committee, Member.

MEMBERSHIPS

- 2016– Regional Studies Association.
Union for Radical Political Economics.
- 2014– Canadian Association of Geographers - L'Association Canadienne des Géographes.
- 2013– Society for Social Studies of Science.
- 2012– Urban Affairs Association.
American Association of Geographers.
- 2011– American Collegiate Schools of Planning.

MEDIA COVERAGE & INTERVIEWS

- 2015 Interview, “Amerikas Stammesgebiete, Immer mehr US-Bürger leben unter Gleichgesinnten. Das verändert Amerika fundamental.” Süddeutsche Zeitung. München, Germany. (November 30, 2015).
Interview, “Imaginary Crisis: Is Gentrification A Myth?” Let Your Voice Be Heard, WHCR 90.3. Harlem, NY. (January 30, 2015).
- 2012 Interview, “(P)retirement’s new frontier: Study focuses on city’s young creatives – economic saviors or slackers?” Portland Tribune. Portland, OR (September 13, 2012).
- 2011 Interview, “How badass is your neighborhood?” KATU morning show. Portland, OR (April 28, 2011).
- 2008 Panelist, “Targeting Customers And Improving Your Marketing ROI Through Innovative Personalization and Segmentation Strategies.” eTail Conference East, Washington DC (August 7, 2008).