

CURRICULUM VITAE

DILLON N MAHMOUDI

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EDUCATION

2017 **Ph.D., Urban Studies**

Toulan School of Urban Studies and Planning (USP), Portland State University.
Dissertation: “Making Software, Making Regions: Networks, Segmentation, & 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– **Assistant Professor**, Department of Geography and Environmental Systems (GES), University of Maryland Baltimore County (UMBC), Baltimore, MD.

2009–2017 Graduate Research Assistant, Portland State University (PSU), Portland, OR.
Center for Urban Studies, Community Environmental Services, Institute of Metropolitan Studies, Portland State Foundation, Intel Corporation.

2004–2006 Research Assistant, Georgia Institute of Technology, Atlanta, GA.
Cognition and Learning in Interdisciplinary Cultures, Nancy Nersessian.

SELECTED PROFESSIONAL EMPLOYMENT

2011–2017 Senior Research Associate, City Observatory, Portland, OR.
Urban research, urban commentary, data specialist, 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. “**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

- 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

2018 Mahmoudi, Dillon. "**Review of *New Lines: Critical GIS and the Trouble of the Map* by Matthew W. Wilson.**" *Rhizomes* 34.

2017 Lubitow, Amy, and Dillon Mahmoudi. "**Review of *Bike Lanes Are White Lanes: Bicycle Advocacy and Urban Planning* by Melody L. Hoffmann.**" *Urban Geography* 38 (6): 951-952. 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.

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

Invited Talks

- 2017** Mahmoudi, Dillon. May. “Apologies for the Following Quantitative Data: Success and Failure in Data-Driven Projects.” Resistance GIS. Portland, OR.

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.

GRANTS

- 2018** "Mapping Justice: An Interdisciplinary Investigation of Probation Compliance" (\$5,000). American Psychology-Law Society Diversification of Psychology and Law Research Grant. Co-PI with Erika Fountain.
- 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.

AWARDS, HONORS & WORKSHOPS

- 2017** Student Achievement Award, Community Engagement, College of Urban and Public Affairs, PSU. Winner.
- Outstanding Teaching Award, College of Urban and Public Affairs, PSU. Nominee.
- 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.

TEACHING

Instructor

- 2018** UMBC GES 330, Economic Geography.
 UMBC GES 488/688, Spatial Data Analysis and GIS Applications.
- 2017** UMBC GES 386/686, Introduction to Geographic Information Systems (GIS).
 PSU USP 452, GIS for Community Development.

Teaching Assistant

- 2017** PSU USP 440, Measuring People and Communities in an Urban Context.
- 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.

ADVISING

Denotes Chair

Masters

- 2017–** # Travis Lageman

SERVICE

Profession

Referee

In Search of Media (Book Series)
Urban Geography
Reinvention: an International Journal of Undergraduate Research
Imaginations: Journal of Cross Cultural Image Studies
Growth and Change: A Journal of Urban and Regional Policy
Challenges in Sustainability
tripleC: Communication, Capital, Critique

University

- 2017** UMBC GES Council of Majors, Faculty Representative.
- 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).