




IAN T. SPANGLER

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RESEARCH AND TEACHING INTERESTS

I study the spatial dynamics of digital technologies. My research is focused on how place-based conceptions of housing and home are expressed, transformed, and monetized through digital technologies. As a cultural economic geographer with mixed methods training, I explore and teach these topics with a wide range of mixed methods, including digital mapping and archival techniques drawn from my training as a geospatial library professional and humanities educator.

ACADEMIC EMPLOYMENT

2025 –	Associate Curator of Digital & Participatory Geography <i>Norman B. Leventhal Map & Education Center, Boston Public Library</i>
2024 –	Lecturer in Geospatial Humanities <i>Department of Urban and Environmental Policy and Planning & Department of Classics, Tufts University</i>
2021 – 2025	Assistant Curator of Digital & Participatory Geography <i>Norman B. Leventhal Map & Education Center, Boston Public Library</i>

EDUCATION

2018 – 2023	PhD, Geography <i>University of Kentucky, Department of Geography</i> Title: “Property protocols and the spatial relations of real estate technologies”
2016 – 2018	MA, Geography <i>University of Kentucky, Department of Geography</i> Title: “One more way to sell New Orleans”: Airbnb and the commodification of authenticity through local emotional labor
2012 – 2016	BA, English & Geography (Magna Cum Laude) <i>University of Mary Washington, Departments of English & Geography</i>
2018 – 2020	Graduate Certificate in Digital Mapping <i>University of Kentucky, Department of Geography</i>
2013 – 2016	Certificate in Geographic Information Science (GISc) <i>University of Mary Washington, Department of Geography</i>

PUBLICATIONS

peer-reviewed articles

Zook, Matthew and **Ian Spangler**. 2023. "A crisis of data? Transparency practices and infrastructures of value in data broker platforms." *The Annals of the American Association of Geographers* 113.1: 110-128.

Spangler, Ian. 2021. "What Seeps from the Pores." *you are here: A Journal of Creative Geography* 22: 6-13.

Spangler, Ian. 2020. "Hidden value in the platform's platform: Airbnb, displacement, and the un-homing spatialities of emotional labor." *Transactions of the Institute of British Geographers* 45: 575-588.

Stone, Meredith, **Ian Spangler**, Xavier Griffin, and Stephen Hanna. 2016. "Searching for the Enslaved in the 'Cradle of Democracy': Virginia's James River Plantations and the Reproduction of Local Social Memories." *Southeastern Geographer* 56.2: 203-222.

peer-reviewed conference proceedings

Nemer, David, **Ian Spangler** and Michaelanne Dye. 2018. "Airbnb and the Costs of Emotional Labor in Havana, Cuba." *21st ACM Conference on Computer-Supported Cooperative Work and Social Computing*, 245-248.

public scholarship & exhibitions

Spangler, Ian and Emily Bowe. 2024. "[Processing Place: How Computers and Cartographers Redrew our World](#)." *Leventhal Map & Education Center at the Boston Public Library*. 13 September through 15 April.

Spangler, Ian. 2023. "[Lexington, Kentucky: Context](#)." *Mapping Inequality*.

cartography

Spangler, Ian. 2022. "Mapping the Extant Rosenwald Schools." In *WHRO Public Media K-12 Educational Videos*.

Spangler, Ian. 2021. "Global Geography of Blockchain Firms and Cryptocurrency Exchanges." In Zook, M. and M. McCanless, "Mapping the uneven geographies of digital phenomena: The case of blockchain." *The Canadian Geographer* 66.1: 23-36.

literary journals

Spangler, Ian. 2021. "Red Wine Vinegar." *Southern Humanities Review* 54.2: 45-65.

Spangler, Ian. 2015. "Distortion, or Nothing Is Where You Think It Is." *Blotterature Literary Magazine* 2.2: 4-14.

book reviews

- Spangler, Ian.** 2023. [Review of Data Power](#), by Jim Thatcher and Craig Dalton. *Antipode Book Review Symposium*.
- Spangler, Ian.** 2019. Review of *Work: The Last 1,000 Years*, by Andrea Komlosy. *Labour and Industry: A Journal of the Social and Economic Relations of Work*. 29.4: 388-391.
- Spangler, Ian.** 2019. [Review of Welcome to Fairyland: Queer Miami before 1940](#), by Julio Capó Jr. *Antipode Book Review Symposium*.
- Spangler, Ian.** 2019. Review of *Creole Italian: Sicilian Immigrants and the Shaping of New Orleans Food Culture*, by Justin A. Nystrom. *The AAG Review of Books* 7.4: 243-246.

trade journals

- Bosse, Amber, Carrie Chenault, Pilar Delphino Marimon, Frank Donnelly, Lyndon Estes, Drew Heiderscheidt, Jane Henderson, Leah Montage, Araby Smyth, and **Ian Spangler**. 2024. ["Beyond Esri Resource Guide."](#) *Antipode Online* 2024.
- Spangler, Ian.** 2024. "Scaling Up Atlascope." *Calafia* 2024:1.

under consideration

- Spangler, Ian**, Emory Shaw, Scott Markley, and Dillon Mahmoudi. "We can't count our way out: Rethinking data activism amidst digital authoritarianism." Under consideration at *Dialogues & Digital Society*.

in preparation

- Spangler, Ian.** "Property and professionalism in Realtor cartography." In preparation for *Imago Mundi*.
- Spangler, Ian.** "Multiply listed, cooperatively controlled." In preparation for *Environment & Planning A*.
- Spangler, Ian.** "Sweat matters: on the politics and epistemology of perspiration." In preparation for *cultural geographies*.
- Spangler, Ian.** "Situated preservation and spatial data collecting." In preparation for *Journal of Map & Geography Libraries*.

INVITED PRESENTATIONS, APPEARANCES, AND LECTURES

invited talks

- 2025 "Multiply listed, cooperatively controlled." *University of Tennessee-Knoxville, Department of Geography*. 9 October 2025.
- 2025 "De- and re-platforming the multiple listing service." *Harvard Kennedy School Data + Donuts Series*. 2 May.

- 2025 "Processing Place: A Curatorial Reflection." *2025 Maps & America Lecture at the American Geographical Society Library*. Co-presented with Emily Bowe. 24 April.
- 2025 "Processing Place." *U.S. National Section Annual Meeting of the Pan American Institute of Geography and History*. 9 April.
- 2025 "A look behind 'Processing Place: How Computers and Cartographers Redrew our World.'" *Washington Map Society*. Co-presented with Emily Bowe. 16 January.
- 2024 "Curatorial introduction to 'Processing Place: How Computers and Cartographers Redrew our World.'" *Leventhal Map & Education Center*. Co-presented with Emily Bowe. 13 September.
- 2023 "On academic website design for social scientists." Professional development talk, *Vanderbilt University Department of Human and Organizational Development*. 5 May.
- 2021 "Using Sanborn Maps to Explore the Historic North Claiborne Corridor." Scholarship award recipient presentation. *Western Association of Mapping Librarians Annual Meeting*. 28 October.
- 2021 "Toward abolitionist proptech: reflections on the global housing crisis, the financialization of housing, and digital technologies for housing and home." Panelist with Maksym Rokmaniko, Maral Sotoudehnia, and Andy Yan. *221A Roundtable: Re-Commoning Territory: Diversifying Housing Tenure with Platform Cooperatives*. 18 June.
- 2019 "The Rosenwald Schools: Creating a Spatial Dataset at the National Level." Panelist with Tiffany Tolbert and John Hildreth. *National Trust for Historic Preservation: Preservation Leadership Forum Webinar Series*. 30 January.

media appearances

- 2023 Interviewed by Scott Morgan. "[Online portals and AI background checks: How tech affects South Carolina renters.](#)" *South Carolina Public Radio*.
- 2019 Interviewed by Priya Chhaya and Sandi Burtseva, with John Hildreth. "[Webinar: The Rosenwald Schools GIS Mapping Project.](#)" *National Trust for Historic Preservation's Preservation Leadership Forum*.
- 2015 Interviewed by Emily Hollingsworth, with Stephen Hanna, Meredith Stone, and Xavier Griffin. "[UMW Team Examines Slavery Narratives.](#)" *UMW Eagle Eye*.
- 2015 Interviewed by Sandy Hausman, with Stephen Hanna, Meredith Stone, and Xavier Griffin. "[More to the tour: Slave history at Virginia's plantations.](#)" *WVTF radioIQ*.

AWARDS AND HONORS

research awards

- 2021 National Science Foundation Doctoral Dissertation Research Improvement Grant (\$12,425)
- 2021 AAG Historical Geography Specialty Group (HGSG) Carville Earle PhD Research Award (\$400)
- 2021 UK College of Arts & Sciences Dean's Competitive Fellowship (\$10,000)

2021	UK Department of Geography Research Fellowship (\$8,325)
2020	Barnhart Withington Research Award (\$2,030)
2017	Barnhart Withington Research Award (\$985)
2015	Rountree Endowment for Geography (\$145)
2015	Rountree Endowment for Geography (\$200)

advancement grants

2023	<i>Making Open-Source Georeferencing Technology Collections-Ready with the Allmaps Platform</i> , National Endowment for the Humanities Digital Humanities Advancement Grant (Project Director on HAA-293491, \$348,916.16; co-grantee with the American Geographical Society Library at the University of Wisconsin-Milwaukee)
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scholarship awards

2021	Western Association of Mapping Librarians (WAML) Scholarship (\$500)
2020	Kentucky Association of Mapping Professionals (KAMP) Scholarship (\$1,000)
2016	Geography Alumni Scholarship (\$2,000)
2015	LaVergne Tuck Woody '68 Scholarship (\$700)
2015	Roland J. and Frances H. Brown Scholarship (\$1,400)

teaching awards

2020	College of Arts & Sciences Outstanding Teaching Assistant Award (\$500)
2020	Department of Geography Outstanding Teaching Assistant Award

conference & workshop travel awards

2023	North American Cartographic Information Society (NACIS) Student Travel Grant (\$500)
2020	University of Kentucky Graduate Student Congress Travel Grant (\$300)
2019	Student Government Organizational Grant, co-grantee with E. Barrett, E. Clancy, E. Sperandio, & O. Meyer (\$750)
2018	UGSG Student Travel Award (\$100)
2017	University of Kentucky Graduate Student Congress Travel Grant (\$300)

paper awards

2021	AAG HGSG Andrew Hill Clark PhD Paper Competition, 2 nd place (\$150)
2018	AAG HGSG Ralph Brown Paper Award (\$150)
2017	AAG HGSG Ralph Brown Paper Award (\$150)
2016	UMW Writing Contest Winner (\$100)

PRESENTATIONS

paper presentations

- 2025 "In the long shadows of aerial photography." *7th Global Conference in Economic Geography*. Worcester, MA.
- 2025 "De- and re-platforming the multiple listing service." *American Association of Geographers*. Detroit, MI.
- 2024 "Multiply listed, cooperatively controlled." *Work and the Data Economy: A joint meeting of the Society for Economic Anthropology and the Society for the Anthropology of Work*. Medford, MA.
- 2023 "Aesthetics, cartography, and property in the 'NAREB' map." *The Oxford Seminars in Cartography: Emerging Scholars Forum (Artful maps: exploring the visual culture of cartography)*. Virtual attendance.
- 2023 "Multiply listed, cooperatively controlled: Real estate data, market power, and the multiple listing service." *American Association of Geographers*. Denver, CO.
- 2022 "Disrupting disruption with abolitionist proptech." *American Association of Geographers*. Presented with Eric Huntley. Virtual attendance.
- 2022 "A crisis of data? Value creation through transparency practices in data broker platforms." *American Association of Geographers*. New York City, NY. Presented with Matthew Zook.
- 2021 "Data brokers in the platform economy: analyzing transparency as infrastructure in financialized debt markets." *Digital Geographies Conference: Critical perspectives on the platform economy*. Presented by Matthew Zook. Virtual attendance.
- 2021 "Dislocating frictions: race, financialization, and platform real estate technologies in the US." *Institute of Australian Geographers & New Zealand Geographical Society Combined Conference*. Virtual attendance.
- 2021 "Codes, screens, and the racialization of platform real estate." *RGS-IBG Annual International Conference*. Virtual attendance.
- 2021 "Conservative innovations: Understanding forms of development in digital real estate technologies." *American Association of Geographers*. Virtual attendance.
- 2020 "Sweat Matters: On the politics of perspiration." *10th Annual Dimensions of Political Ecology Conference*. Lexington, Kentucky.
- 2019 "Airbnb, gentrification, and the value of everyday life: playing host as emotional labor in New Orleans." *American Association of Geographers*. Washington, D.C.
- 2018 "'One More Way to Sell New Orleans: Airbnb and the Commodification of Authenticity through Local Emotional Labor.'" *Southeastern Division of the American Association of Geographers*. Johnson City, Tennessee.
- 2018 "Commodifying Authenticity in New Orleans: Airbnb and the Emotional Labor of Playing Host." *American Association of Geographers*. New Orleans, Louisiana.
- 2018 "Google, Airbnb, and Reproducing 'The 73.'" *12th Annual Landscape, Space, and Place Conference*. Bloomington, Indiana.

- 2017 "Four Blocks from the French Quarter: Sharing, Authenticity, and the Relational Geography of Airbnb." *Southeastern Division of the American Association of Geographers. Master's Student Paper Competition*. Starkville, Mississippi.
- 2017 "'Yo, Dre, I've Got Something To Say': Listening to Compton's Hip-Hop Landscape." *American Association of Geographers*. Session Chair. Boston, Massachusetts.
- 2017 "The 'death-threat' of Newtown Pike: Davis Bottom as a liminal landscape." *11th Annual Landscape, Space, and Place Conference*. Bloomington, Indiana.
- 2016 "Activist Imaginaries: Toward a Critical Listening in Geography." *23rd Annual Critical Geography Mini-Conference*. Lexington, Kentucky.
- 2016 "Listening to Compton's Hip-Hop Landscape." *University of Mary Washington Geography Symposium*. Fredericksburg, Virginia.
- 2015 "Searching for the Enslaved in the 'Cradle of Democracy': Virginia's James River Plantations and the Reproduction of Local Social Memories." *Southeastern Division of the American Association of Geographers*. Pensacola, Florida.
- 2015 "'Let's Pretend': A Symbolic Representation of Great War Literature in Song." *University of Mary Washington Kemp Symposium*. Fredericksburg, Virginia.
- 2015 "Reading the Plantation Landscape in the James River Region." *University of Mary Washington Geography Symposium*. Fredericksburg, Virginia.
- 2015 "Reading the Plantation Landscape in the James River Region." *Virginia Social Science Association*. Norfolk, Virginia. Presented with Meredith Stone and Xavier Griffin.

panel member

- 2025 Panelist of "Minor Histories of Geographic Information Systems." *American Association of Geographers*. Detroit, MI.
- 2024 Panelist of "Platform Politics." *Society for Economic Anthropology 44th Annual Meeting: Work and the Data Economy*. Medford, MA.
- 2022 Panelist of "From Atlases to APIs: A discussion of GIS over time." *Northeast Arc Users Group*. Virtual participation.
- 2022 Panelist of "Data Power by Jim Thatcher and Craig Dalton: Author Meets Critic." *American Association of Geographers*. New York City, NY.

poster presentations

- 2018 "Airbnb and the Costs of Emotional Labor in Havana, Cuba." *21st ACM Conference on Computer-Supported Cooperative Work and Social Computing*. Co-authored with David Nemer and Michaelanne Dye, presented by David Nemer. Jersey City, NJ.

other conference presentations

- 2025 "Allmaps at the Leventhal Center." *North American Cartographic Information Society Annual Meeting*. Louisville, KY.

- 2025 "How to play with maps." *If/Then Open Mic*. Presented with Emily Bowe. Virtual attendance.
- 2024 "Possibilities and anxieties in IIIF-powered georeferencing of map collections." *International Image Interoperability Framework (IIIF) Annual Conference*. Los Angeles, California.
- 2023 "All the maps, all the time." *Big Ten Academic Alliance GIS Conference*. Presented with Stephen Appel. Virtual attendance.
- 2023 "Scaling up Atlascope." *North American Cartographic Information Society Annual Meeting*. Pittsburgh, PA.
- 2022 "Digital collections from not so map-liiike to very map-liiike." *IIIF Annual Conference and Showcase*. Boston, MA. Presented with Garrett Dash Nelson and Emily Bowe.

TEACHING

instructor of record

- 2025 "Introduction to Geospatial Humanities," *Tufts University*
- 2024 "Introduction to Geospatial Humanities," *Tufts University*
- 2020 "Lands/People of the Non-Western World" (GEO160), *University of Kentucky*
- 2020 "Lands/People of the Non-Western World" (GEO160), *University of Kentucky*
- 2020 "Intro to GIS" (GEO309), *University of Kentucky*
- 2019 "US Cities" (GEO220), *University of Kentucky*
- 2019 "US Cities" (GEO220), *University of Kentucky*

teaching assistantships

- 2018 Teaching Assistant for US Cities (GEO220), *University of Kentucky*
- 2018 Lead Teaching Assistant for Digital Mapping (GEO109), *University of Kentucky*
- 2017 Lead Teaching Assistant for Digital Mapping (GEO109), *University of Kentucky*
- 2017 Teaching Assistant for Digital Mapping (GEO109), *University of Kentucky*
- 2016 Grader for Earth's Physical Environment (GEO130), *University of Kentucky*

SERVICE

peer reviewer

- 2024 *Journal of Map & Geography Libraries*
- 2022 *Urban Geography*
- 2022 *Progress in Human Geography*
- 2021 *Urban Studies*
- 2021 *Environment and Planning A: Economy and Space*
- 2021 *Urban Geography*
- 2021 *Journal of Urban Technology*
- 2020 *Transactions of the Institute of British Geographers*
- 2020 *Urban Planning*
- 2020 *cultural geographies*

2019 *cultural geographies*

disciplinary

2025 – 2026 Professional Director of the Cartography & Mapping Specialty Group (CMSG), *American Association of Geographers*
 2021 – 2023 Student Board Member of the Digital Geography Specialty Group (DGSG), *American Association of Geographers*
 2021 – 2022 Member of WAML Conference Planning Committee, *Western Association of Mapping Librarians*
 2018 – 2020 Graduate Representative of the Cultural Geography Specialty Group (CGSG), *American Association of Geographers*

conference session organization

2025 "Traversing the spacetimes of critical financial geography." *American Association of Geographers*. Co-organized with Julian Hartman and Ding Fei.
 2025 "Minor Histories of Geographic Information Systems." *American Association of Geographers*. Co-organized with Jack Swab.
 2023 "Digital geographies & oppositional work: A conversation across disciplines." *American Association of Geographers*. Co-organized with Jessi Breen. Denver, CO.
 2023 "Spatial Histories of Real Estate Data." *American Association of Geographers*. Co-organized with Scott Markley. Denver, CO.
 2022 "Working In, With, and Through the digital." *American Association of Geographers*. Co-organized with Jessi Breen. Virtual.
 2022 "Abolitionist proptech." *American Association of Geographers*. Co-organized with Eric Robsky Huntley. Virtual.
 2017 "Digital Geographies and Critical Mapping." *Southeastern Division of the American Association of Geographers*. Co-organized with Taylor Shelton. Starkville, MS.

editorial positions

2018 – 2019 Copy Editor, *disClosure: A Journal of Social Theory*
 2015 Nonfiction Editor, *Rappahannock Review Literary Journal*

departmental

2019 – 2020 Organizer: GGSU Distinguished Speaker, *UK Geography Graduate Student Union*
 2019 – 2020 Mentor: GGSU Mentorship Program, *UK Geography Graduate Student Union*
 2019 – 2020 GGSU Facilitator, *UK Geography Graduate Student Union*
 2019 – 2020 Geography in the Bluegrass Day Committee Representative, *UK Geography Graduate Student Union*
 2018 – 2019 Organizer: Critical Pedagogy Working Group, *UK Department of Geography*

2018 – 2019	Inclusivity Committee Representative, <i>UK Geography Graduate Student Union</i>
2018 – 2019	Internal Affairs Committee Representative, <i>UK Graduate Student Congress</i>
2018 – 2019	Graduate Student Congress Representative, <i>UK Geography Graduate Student Union</i>
2018 – 2019	Sample Day Committee Representative, <i>UK Geography Graduate Student Union</i>
2018 – 2019	Colloquium Committee Representative, <i>UK Geography Graduate Student Union</i>
2018 – 2019	Mentor: GGSU Mentorship Program, <i>UK Geography Graduate Student Union</i>
2017 – 2018	TA Liaison, <i>UK Geography Graduate Student Union</i>
2017 – 2018	Sample Day Committee Representative, <i>UK Geography Graduate Student Union</i>
2016 – 2017	Sample Day Committee Representative, <i>UK Geography Graduate Student Union</i>
2016 – 2017	Geotechnologies Committee Representative, <i>UK Geography Graduate Student Union</i>
2016 – 2017	External Affairs Committee Representative, <i>UK Geography Graduate Student Union</i>

conference & symposium organization

2025	"Greater Boston Digital Research and Pedagogy Symposium," <i>Boston Digital Humanities</i> . Member of Organizing and Program Committees. Boston, MA.
2024	"Allmaps Public Convening 2024," <i>Allmaps</i> . Co-organized with Emily Bowe, Ann Hanlon, Bert Spaan, Marcy Bidney, Stephen Appel, Jie Chen, and Garrett Nelson. Boston, MA.
2024	"Greater Boston Digital Research and Pedagogy Symposium," <i>Boston Digital Humanities</i> . Member of Organizing and Program Committees. Medford, MA.

workshop organization

2025	"How to make a map mosaic," <i>Greater Boston Digital Research and Pedagogy Symposium</i> . Medford, MA.
2024	"Digital Storytelling with Cartographic Collections," <i>Greater Boston Digital Research and Pedagogy Symposium</i> . Medford, MA.
2022	"Managing information workflows for research, writing, and data," <i>American Association of Geographers 2022 Summer Series</i> . Co-organized with Jack Swab. Virtual.
2019	"Space for Theory III: Psychoanalyzing Objects, Violence & Desire." Member of Graduate Student Organizing Committee, with E. Clancy and N. Wilbur. Minneapolis, MN.
2019	"Critical Professionals: Using Your Academic Skills Within and Beyond the Classroom." Co-organized with Emily Barrett, Erin Clancy, Elisa Sperandio, & Olivia Meyer. Lexington, KY.

invitational workshops

2025	Stanford Libraries and the David Rumsey Map Center <i>colocate</i> ² . Palo Alto, CA.
2024	Library of Congress Labs Data Workshop. Virtual attendance.
2023	University of Chicago Library Workshop <i>GIS Librarians for Open Workflows Forum</i> . Chicago, IL.
2021	AAG Learning Series Seminar <i>Writing from Qualitative Research</i> . Virtual attendance.
2021	<i>Spaces of Crisis</i> . Leibniz Institute for Research on Society and Space Spring Academy. Virtual attendance.

APPOINTMENTS

research assistantships

2020 – 2021	Research Assistant, <i>Cryptocurrencies and the New Spaces of Finance</i> (PI: Matthew Zook)
2020	Research Assistant, <i>Current Land Use of Former Antebellum Plantations and Land Grants in Horry County, SC</i> (PI: Lynn Phillips)
2014 – 2016	Research Assistant, <i>Transformation of Racialized Southern American Heritage Landscapes</i> (Co-PI: Stephen Hanna)
2013	Research Assistant, <i>Creating a Historical GIS of Parks in Richmond, Virginia</i> (PI: Melina Patterson)

internships & other professional experience

- AP Human Geography Distributed Reader, *College Board* (2020, 2021)
- Rosenwald Schools Mapping Project GIS Intern, *National Trust for Historic Preservation* (2018)
- Planning Intern, *Henrico County Planning Department* (2015, 2016)
- Map Editor Digital Communications Internship, *University of Mary Washington* (2015)

WEB MAPPING PORTFOLIO

<https://itspangler.com/maps/>

SOFTWARE

mapping & gis

- Desktop (ArcGIS Pro, QGIS)
- Command line GIS & data wrangling (GDAL, Shapely, pandas/GeoPandas, Beautiful Soup)
- JavaScript and CSS libraries for mapping & web design (e.g., Leaflet, OpenLayers, D3)
- Front-end development frameworks for static site generation and single page applications (Hugo, Vue, Svelte)

- Cloud platforms (ArcGIS Online, Jupyter and Observable notebooks)
- APIs and frameworks for geospatial librarianship (IIIF protocol, GeoBlacklight)

language proficiencies

- Query (SQL)
- Markup (JSON, CSS, HTML, XML, Markdown)
- Programming (JavaScript, Python)

data exchange & database systems

- Relational databases (Postgres, PostGIS)
- Version control software & document management (GitHub, pandoc)
- Web services (GitHub Pages, SEO/Google Search Console)