

Andrew Jawitz

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Andrew is a passionate problem-solver with over a decade's experience in outreach, civic engagement and project management. He is an excellent team builder and thrives in multidisciplinary environments.

Since 2012, he has organized Code for Maine, a local chapter of the Code for America organization based in the state of Maine. As Brigade Captain he is responsible for organizing an annual strategic plan, managing statewide activities, organizing volunteers and reaching out to public officials.

His experience includes expertise in a wide variety of media formats including feature length documentary film and database narrative.

As a lifelong learner and educator he enjoys teaching in both the college and middle school level.

Highlighted Positions

Code for America Brigade

Brigade Captain, 2012- Present

www.brigade.codeforamerica.org

Participated in inaugural class of the Code for America Brigade program. Collaborated with other Brigade Captains from around the country via bi-weekly web-conferences. Attended every annual CfASummit since 2012.

Code for Maine

Founder/Regional Organizer, 2012-Present

www.codeformaine.org

Founded Code for Maine in 2012 and have been responsible for organizing an annual strategic plan, managing statewide activities, organizing volunteers and reaching out to public officials. Introduced civic hacking to municipal governments of Portland, Bath, Biddeford, and Bangor. Forged critical partnerships with state-level initiatives including the Governors Task Force on Broadband Connectivity. Managed development of a web-based project collaboration platform allowing members to participate remotely. Successfully coordinated major events for National Day of Civic Hacking in Portland and Bangor. Presented at multiple conferences including the Maine Municipal Technology Conference in Augusta and Open Source Bridge in Portland, Oregon. Advocated for use of Maker methods/Open Source Hardware in Civic Hacking community. Project Manager for Civic Apps including the OpenVehicleTracker and PaperMachine.

Public Laboratory for Science and Technology

Regional Organizer, 2014-Present

www.publiclab.org

Regional organizer for citizen science projects within the State of Maine. Workshop assistant at 2014 International Conference of Crisis Mappers (ICCM 2014). Contributed research documentation on projects incl. a low-cost UAV for grassroots mapping and a classroom curriculum combining balloon-mapping techniques with a "DIY Book Scanner" to digitize archival imagery at <http://publiclab.org/profile/ajawitz>.

Harpswell Coastal Academy

Makerspace Coordinator/Teacher, 2013-2014

www.harpswellcoastalacademy.org

Harpswell Maine, August 2013 - Present

Introduced Middle School Students to electronics through Makey Makey, LittleBits, Raspberry Pi, Arduino Esplora and Scratch DIY Time Machine Combines methods from two well-documented DIY projects- DIY Aerial Mapping and DIY Book/Document Scanning to teach students to create a story based on an aerial time-lapse of a specific place showing its changes throughout the decades.

Introduced a Community Wireless project in partnership with the Open Technology Institute through their Commotion Wireless Platform.

Independent Oral Historian and Adjunct Instructor

Maine, 2006-2012

Worked on grant-funded community projects for clients including Spindleworks Art Center, Five Rivers Arts Association, Maine Arts Commission, and Maine Humanities Council. Projects included teaching oral history methods, assessing archives and collections, conducting fieldwork and video/audio interviews with community members, and presenting projects at regional and national conferences. Taught college level courses in the humanities at Lewiston-Auburn College.

Columbia University Oral History Research Office

Co-Faciliator, 2006 Summer Institute

NY,NY 6/2006-8/2006

Invited by Mary Marshall Clark, director of the Columbia University Oral History Research Office to co-facilitate the Summer Institute for the Summer of 2006. The Summer Institute is an opportunity for professionals from a wide variety of disciplines to explore oral history methods in practical

applications.

Conferences/unConferences/Events

ICCM 2014 International Conference of Crisis Mappers, Co-Facilitator, Grassroots Mapping Workshop, 11/06/14 NYC

CfASummit 2012-2014 Code for America Summit, Attendee and unConference facilitator, 9/12, 9/13, 9/14 San Francisco, CA

TransportationCampNE Attendee and unConference facilitator, 4/14 Boston MA.

2013 Open Source Hardware Summit Attendee, 9/13, Boston MA.

Open Source Bridge 2013 Session Presenter "[Where "Small is Beautiful" meets "Big Data"- Empowering Local Communities with Open Hardware](#)" 6/20/2013, Portland, Ore.

National Day of Civic Hacking 2013-2014 Statewide Coordinator for Maine incl. events in Portland, Bangor and Biddeford. 6/1/13, 6/1/14, Maine

Open Government and Civic Hacking Champions of Change Invitee, 7/13, The White House, Washington DC

TransportationCampDC Attendee and unConference facilitator, 1/12, 1/13, Washington DC

2012 Maine Municipal Technology Conference Presenter "[An Introduction to Civic Technology](#)", 9/12, Augusta Maine

Tech@State:Real-Time Awareness unConference Attendee, 12/2011, Washington DC

Civic Organizing/Volunteer Projects

Outreach Coordinator, African Diaspora Institute

Outreach for organization developed and led by African Diaspora community in Maine. Activities included media justice campaign called DiasporaRise! and a collaboration with Ushahidi, Al Jazeera and Souktel called [Somalia Speaks](#) 2011-2013

Board of Directors, Five Rivers Arts Alliance

Served on the Board of Directors for Regional Arts Non-Profit 2009-2011

Board of Directors, Maine Film and Video Association

Served on the Board of Directors for statewide non-profit devoted to film and

video industry in Maine.

Organizer, CarFree Maine

A grassroots campaign to improve public transit accessibility in rural regions and small cities. 2008-2012 continued through Code for Maine as <https://www.codeformaine.org/dashboard/projects/open-transit/>

Education

- **M.A. American Studies, Columbia University, 2005**

- **B.A. American Studies, Goddard College, 2002**

Research interests

History of recorded sound; American environmental history; history of science and technologies; social ecology; public and digital humanities; database ethnography

Software Skills

Languages MQTT, GTFS, server-side Javascript (Node.js, Angular.js, express.js), Python, Processing (Java), Arduino IDE (C++), Ruby, GeoJSON

Cloud/Web Platforms NodeRED, OpenShift, Git, Github, Wordpress, Ghost, MongoDB, MapBox

Embedded Platforms OpenWRT (Linino, Commotion, Generic), Raspberry Pi, Ubuntu, Electric Imp, Arduino, STM32, MultiWii/Naze32/APM UAV autopilots, Repetier Host (3D Printing), Android Tasker, OpenCV, CHDK, Ford Sync/OpenXC

Desktop Platforms Ubuntu, Linux Mint, Raspbian, Debian, OSX, Windows 7, Windows 8

Design Inkscape, Gimp, Sketchup, Blender, FreeCAD