

# Ashley Blewer

*Archivist. Developer. Technologist.* Specializing in video preservation, digital repository management, infrastructure/community building, teaching technical concepts, and computer-to-human interpretation.

## Archives and Web Development Consultant

*Mark Morris Dance Group*

10/2017 – Present

Developed CollectiveAccess database, data model, cataloging workflows, and access portal for and with a dance company's archives team.

## MediaConch Consultant

*MediaArea*

07/2014 – 12/2017

Developed comprehensive documentation, elaborate architecture and design, API, and project management goals for open source audiovisual file conformance checker software project. Managed testing and quality analysis for software from creation to production. Managed user experience research and outreach, including leading or producing content for workshops and conference presentations, providing documentation for varying skill sets and needs, drafting reports and promotional materials, conducting interviews with potential and active users, and seeking user feedback through the creation of and analysis of user surveys. Supported the standardization of Matroska, FFV1, and FLAC through collaboration with IETF community, code manipulation and migration, new contributor support, and detailed technical specification analysis.

## QCTools & SignalServer Consultant

*Bay Area Video Coalition*

01/2014 – Present

Optimized user experience for highly technical quality control software. Created unique icons for complex concepts and other graphic design work, including the SignalServer logo and promotional materials. Managed software quality control and testing, design, and documentation. Managed portion of two-year grant-based budget for self and contractors. Created (and still creating) a welcoming open source work environment and acting as an advocate for new contributors. Represented the software tools and team at various conferences and workshops. Prepared workshop materials.

## Applications Developer

*New York Public Library*

08/2015 – 08/2017

Designed and implemented scalable, optimized, maintainable database-driven web applications. Improved existing web applications and develop new features to optimize data pipeline from catalog content and newly digitized

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## Other Notable Projects

**Artefactual** (01/2018-Present)

— *Technical interpretation and support ticket resolution for Denver Art Museum.*

**Ricecapades!** (2013-Present) —

*Working on miscellaneous projects under Dave Rice.*

**MediaArea** (2014-Present) —

*Various projects.*

**Collaborative Cataloging**

**Japan** (2017-2018) — *Working group member.*

**Helen Frankenthaler**

**Foundation** (2017-2018) — *Digital infrastructure work.*

**Dance Heritage Coalition**

(2014-2016) — *Various projects.*

## Volunteering

**IETF CELLAR Working Group**

(Ongoing) — *Supporting standardization of MKV, FFV1, and FLAC.*

**A/V Artifact Atlas** (Ongoing) —

*Site migration and design overhaul.*

**ffmprovizr** (Ongoing) —

*Original creator/maintainer of FFmpeg script cookbook and educational resource.*

**Lesbian Herstory Archives**

(2017-2018) — *Technical strategy consultation.*

assets to public-facing interfaces. Collaborated with a larger team and stakeholders across the library to create new and innovative online experiences for the public. Facilitated library-wide workflows for petabyte-scale media ingest for instant web-based patron access points and long-term preservation of assets.

## **Archives and Web Development Consultant**

*La MaMa ETC*

05/2015 – 03/2016

Developed CollectiveAccess-based digital archives access portal for small non-profit arts organization. Provided design, front-end development, and user experience work for the public face of the archives collection. Developed, monitored, and tested scheduled microservices for digital preservation of media, and provided documentation for sustainability.

## **Forward Deployed Engineer**

*Bluecore*

12/2014 – 05/2015

Ensured client success by writing custom scripts that allows personalized targeted marketing at scale. Acted as technical representative in all client and sales conversations. Provided quick response and immediate correction of system bugs.

## **Fox Movietone Digitization Project Cataloging Manager**

*USC Libraries Moving Image Research Collections*

09/2011 – 05/2014

Responsible for training and assisting multiple student workers and volunteers, providing assistance to curators in current internal and external cataloging practices, and ensuring project progress. Trained, organized, and supervised the work of up to nine active student workers and volunteers per semester. Maintained performance on schedule with aggressive grant-based deadlines. Developed and modify scripts to accelerate and streamline the cataloging process. Established a cohesive workflow for the most efficient processing and updating of unique and/or outdated catalog records. Twice led the coordination of an annual two-day nitrate film inspection event, including the recruitment of 25+ volunteers and production of an archival film handling training video. Actively participate in Drupal, Metadata, Workflow, and User Study working groups, offering solutions and troubleshooting issues related to the creation of a digital repository.

## **XFR Collective**

(04/2015-04/2016) — *Digitized analog media for artists.*

## **Code4lib 2016 Video Stream Committee**

(2015, 2016) — *Ensured conference access for all.*

## **PBCore Advisory Committee,**

**Web Team** (2013–2017) — *Iteratively improve website.*

## **Education**

**Trello** (10/2014) — *Fellow, Fog Creek Fellowship*

**Flatiron School** (08/2014) —

*Graduate, Immersive Web Development Program*

**University of South Carolina**

(05/2013) — *Master of Library and Information Science*

**University of South Carolina**

(12/2008) — *Bachelor of Art, Studio Art: Graphic Design*

## **Grants**

### **National Film Preservation Foundation Basic**

**Preservation Grant** (Spring 2014) — *Kate Gleason home movies collection on behalf of USC Moving Image Research Collections. Successfully funded.*

### **National Film Preservation Foundation Basic**

**Preservation Grant** (Fall 2013) — *Willie Lee Buffington/Faith Cabin Libraries home movies collection on behalf of USC Moving Image Research Collections. Successfully funded.*