I am a recovering software developer with two decades of experience working at the intersection of libraries, archives and the World Wide Web. I study and work with the Web as a sociotechnical system, with a particular eye to its evolving architecture and practices of curation and preservation. I also help to keep the lights on at the Maryland Institute for Technology in the Humanities.

## Experience

**Lead Software Developer**  
Maryland Institute for Technology in the Humanities  
August 2014 - Present

* Social media data collection, analysis and preservation
* Digital humanities research and development
* Web and cloud based infrastructure development and sustainability

**Information Technology Specialist**  
Library of Congress  
March 2006 – August 2014

* Digital preservation and repository software design and development
* Lead Software Developer on the National Digital Newspaper Project
* Social Media Archiving (Twitter)
* Design and implementation of the Library of Congress Linked Data Service
* Standards work in the World Wide Web Consortium: SKOS, RDFa, eGov

**Senior Software Engineer**  
Follett Corporation  
May 2002 – March 2006

* Design and construction of a distributed knowledge management application
* Requirements gathering and project planning
* Web Service design and implementation
* Metadata harvesting and analysis

## Education

**PhD Information Studies**  
University of Maryland  
2015 - Present

I am currently studying the activity of Web archiving, and Web archives as artifacts, through the lens of repair and sustainability studies.

**M.S. Library Science**  
Rutgers University  
1995 - 1996

My studies focused on the use of the emerging Web to deploy reference and cataloging services.

**B.A. English**  
Rutgers University  
1987 - 1991

In my senior seminars I focused on the study of the African American experience through the works of James Baldwin. I minored in Computer Science, and began my studies in the Engineering program.

References available upon request.