

Ed Summers
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I am a 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.

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.