

Stanford



Michael Giarlo

Digital Library Software Engineer and Architect, Library Technology

Bio

BIO

Mike Giarlo is a senior software engineer and architect at Stanford University Libraries—working remotely from Seattle, Washington—where he works on a team tasked with designing and developing software for long-term access to the University’s research and cultural assets. His focus is on the development and maintenance of Stanford’s digital library, especially the Stanford Digital Repository, where he works extensively with open source software and communities.

He has been working in information technology in academic and research libraries since 1999, holding software development positions primarily in support of digital libraries and repositories at Penn State University, the Library of Congress, Princeton University, the University of Washington, and Rutgers University. He earned both a bachelor’s degree in linguistics and a master’s degree in library and information science at Rutgers University, in his hometown of New Brunswick, New Jersey.

In a Venn diagram of three-letter initialisms, he exists roughly at the intersection of APIs, AIPs, and IPAs.

CURRENT ROLE AT STANFORD

Digital Library Software Engineer & Architect

HONORS AND AWARDS

- Henry Rutgers Scholar (Linguistics), Rutgers College, Rutgers, The State University of New Jersey (December 1997)
- Technology Innovation Award, New Jersey Library Association, College and University Section (April 2004)
- Merit Award for Creative Use of Electronic Resources, Upstate New York Special Libraries Association, Student and Academic Relations Committee (May 2004)
- Technology Innovation Award (Honorable mention), New Jersey Library Association, College and University Section (April 2005)
- Outstanding Student in Technical Services/Information Systems Award, School of Communication, Information and Library Studies (@ Rutgers University) (May 2005)

EDUCATION AND CERTIFICATIONS

- B.A., Rutgers College; Rutgers, The State University of New Jersey , Linguistics and Philosophy (1998)
- M.L.I.S., School of Communication, Information and Library Studies; Rutgers, The State University of New Jersey (2006)

PROJECTS

- Stanford Digital Repository (SDR) - Stanford University (January 1, 2018 - present)
- Hydra-in-a-Box - Stanford University (September 21, 2015 - December 31, 2017)

- CURATEcamp - Penn State University (2010 - 2015)
- ScholarSphere (Penn State Institutional Repository) (2011 - 2015)
- Databib (co-PI) - Purdue University & Penn State University (2011 - 2012)
- World Digital Library - Library of Congress (2008 - 2009)
- NISO Institutional Identifiers - Penn State University (2009 - 2013)
- RUcore - Rutgers University (2002 - 2005)

Professional

WORK EXPERIENCE

- Digital Library Software Engineer & Architect - Stanford University (2015 - present)
- Digital Library Architect - Penn State University (2009 - 2015)
- Information Technology Specialist - Library of Congress (2007 - 2009)
- Digital Library Applications Programmer - Princeton University (2006 - 2007)
- Senior Computer Specialist - University of Washington (2005 - 2006)
- Network/Systems Administrator - Rutgers University (2000 - 2005)
- Systems Programmer/Analyst - Rutgers University (1999 - 2000)