
Daniel A. Sabol

Dobbs Ferry, NY 10522

914-564-2505 | saboldaniel0@gmail.com | www.danielsabol.org

Summary

Innovative and strategic library leader with extensive experience in open scholarship, knowledge management, and digital repositories. Expertise in advancing open access initiatives, supporting research communities, and fostering interdisciplinary collaborations. Adept at leveraging technology to enhance scholarly communication, research impact, and equitable knowledge dissemination. Committed to aligning library services with institutional research priorities and ensuring accessibility and sustainability of open scholarship initiatives.

Skills

- Certified Digital Humanities Librarian
- Certified Knowledge Manager (CKM)
- Website Development & Maintenance
- Collection development & Management
- Open Educational Resources
- Community Outreach
- Library Instruction
- Database Management
- Literacy Promotion
- Library Management Systems
- Team Player
- Emotional Intelligence
- Web Content Management
- Social Media Promotion
- Teamwork and Collaboration
- Problem-Solving
- Analytical Skills
- Resource Management
- Multitasking
- Adaptable to changing demands

Experience

_ 06/2024 -
Current

datobot.usa – Dobbs Ferry, NY

Curriculum Developer

- Establish learning objectives, goals, benchmarks, and timelines for diverse course curricula.
- Utilize technology to elevate the learning experience of students through integrated course materials.
- Foster a collaborative environment with colleagues, contributing to the improvement of course materials.
- Provide ongoing support to educators in integrating new curricula.
- Optimized curriculum development through the integration of research findings.
- Created evaluation methods for monitoring student growth and achievement of instructional objectives.
- Organize and facilitate conversations among faculty members to assess possible updates or improvements to current course content.
- Produce accompanying resources to optimize the effectiveness of lesson plans.
- Utilized knowledge of industry best practices to improve upon existing training methods.
- Developed and deployed effective training programs to achieve department and facility objectives.
- Developed and improved curricula, course formats and lesson presentations for diverse topics.

09/2019 -
01/2024

Yonkers Public Schools – Yonkers, NY

Library Media Specialist

- Supervised and managed library access services, ensuring equitable access to resources and fostering an inclusive library environment.
- Led collection development initiatives to curate diverse, relevant, and accessible materials.
- Developed and implemented policies and programming to support student learning and research.
- Delivered lessons on information literacy to a wide range of grade levels, from PK to 12.
- Organized and led dynamic story time activities for little learners.
- Worked closely with stakeholders and the library director to define the information architecture and visual presentation of the library website.
- Implemented configuration for reporting in Google Analytics.
- Offered extensive support and instruction to enhance the skills of the library team.
- Developed innovative designs for graphics, posters, and handouts.
- Managed and maintained library service data and statistics.
- Successfully obtained various grants to enhance library resources, with one notable achievement being a \$5,000 grant awarded by the Laura Bush foundation.
- Participated in project planning sessions to ensure successful implementation of educational technologies across multiple locations.

- Advised faculty on best practices in teaching with technology tools.
- Trained faculty members on how to use new software programs or updated versions of existing ones.
- Conducted research on emerging educational technologies and identified opportunities for their application within the organization.

01/2017 -
08/2019

Harrison Public Library – Harrison, NY
Teen & Children Librarian

- Designed and led engaging library instruction to cultivate information literacy and research skills.
- Implemented digital literacy curricula to empower students as responsible users and creators of information.
- Collaborated with faculty to integrate library resources into cross-disciplinary projects and curricula.
- Developed and implemented literacy programs tailored to diverse age groups and learning styles.
- Provided research support and reference services to children, teens, and educators.
- Organized school-wide reading programs, book fairs, and summer reading initiatives.
- Developed and maintained library collection by selecting, ordering, cataloguing, and classifying books and other materials.
- Planned activities for children's story time programs.
- Prepared reports on library usage statistics for departmental review meetings.
- Provided basic computer instruction classes to patrons.

01/2013 -
12/2016

Pace University
Evening and Weekend Librarian

- Handled the entire scope of library duties
- Maintained close partnership with the School of Health Sciences
- Delivered lessons on evidence-based research to health science students
- Provided valuable support as an embedded librarian within the Blackboard platform
- Implemented effective strategies to enhance accessibility and usability of libguides.
- Headed Library's PR committee
- Operated as an instructional designer
- Facilitated student learning of the Evidence Based Practice method for conducting research
- Developed and launched a seamless, user-focused web application for optimal library experience
- Demonstrated proficiency in creating, developing, and maintaining databases.
- Provided oversight for the functioning of the library's IT help desk.
- Generated statistical reports regarding library usage for departmental review meetings.

Education and Training

01/2021

Long Island University
Certificate: Library Media Specialist

01/2019

Pace University
Master of Science: IT/Cyber Security

03/2018

Arizona State University Tempe, AZ
Ph.D.: Computer Science

01/2011

Long Island University
Master of Science: Library & Information Science

01/2010

Iona College
Bachelor of Business Administration: Management

Certifications

- Certified Knowledge Manager (CKM)
- Introduction to Digital Humanities, <http://bit.ly/3KHtZty> 09
- Digital Humanities in Practice: From Research Questions to Results, <https://tinyurl.com/yyt5wwwz>
- STEM.org - Certified Master Trainer, 806728, 09/2023
- NYS Initial Certification School Library Media Specialist, 2021 - 2025
- NYS Public Librarian Certification, 2011 - Present
- NYS Notary Public, 2024 - 2028
- Microsoft Expert and Instructor
- Google Certified Teacher and Expert

Research Publications

- Lawrence, J., Malmsten, J., Rybka, A., Sabol, D.A., & Triplin, K. (2017). *Comparing TensorFlow Deep Learning Performance Using CPUs, GPUs, Local PCs and Cloud*. [Journal Name], 30.
- Leider, A., Siddiqui, S., Sabol, D.A., & Tappert, C.C. (2020). *Quantum Computer Search Algorithms: Can We Outperform the Classical Search Algorithms?* Proceedings of the Future Technologies Conference (FTC) 2019: Volume 1, 447-459.
- Sabol, D.A. (2019). *Best Practices in Roving Reference Services: Six Steps for Success*. College & Research Libraries News, 80(1), 46.
- Sabol, D.A. (2011). *E-Learning, Is It an Effectual Tool?* Library Student Journal, 6.
- Sabol, D.A. (2018). *Opening Up: Why Are We Not Using More Open Educational Resources?*
- Sabol, D.A. (2017). *A Novel Approach for Library Materials Acquisition Using Discrete Particle Swarm Optimization*. [Journal Name].
- Sabol, D.A. (2015). *KabanFlow*. [Journal Name].
- Sabol, D.A., Leider, A., Westfall, L., & Glinka, J. (2019). *Teaching Quantum Computing with Videos*.
- Adeola, E.O., Lahoud, T.T., Lawrence, J., Malmsten, J.E., Modak, A., & Sabol, D.A. (1999). *An Agile Approach to Doctoral Research and Dissertation Completion*. Perspective, 2002(2012).
- Wu, A., Sabol, D.A., Saxena, N., & Tao, L. (Year). *Discrete Particle Swarm Optimization for Library Materials Acquisition*.
- Wu, A., & Sabol, D.A. (Year). *A Novel Approach for Library Materials Acquisition Using Discrete Particle Swarm Optimization*.

Books Authored

- *A Guide for Librarians on the Science of Reading* (Published, 2025)
- *Libraries' Future: Intelligent Catalogs, Digital Repositories, Artificial Intelligence* (Published, 2025)
- *Educational Technology in Pre-K-12: Insights and Implications for Education Leaders, Teachers, and Technologists* (Published, 2025)

References

References available upon request.