

# Margaret Vail

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http://margaretvail.ca

## EDUCATION

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### Master of Library and Information Studies

May 2018

*Dalhousie University, Halifax, NS*

Atlantic Provinces Library Association (APLA) Award - *Awarded to the graduating student who, in the opinion of the faculty, shows the most professional promise*

### Bachelor of Computer Science

Oct. 2006

*Dalhousie University, Halifax, NS*

## EXPERIENCE

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### Academic Librarian – Limited Term

Sep. 2018 – Present

*St. Francis Xavier University, Angus L. MacDonald Library. Antigonish, NS*

- Liaison Librarian to Fine Arts; History; Human Kinetics; Math, Statistics, and Computer Science; Music; and Political Science
- Maintained ample resources, collection development, donations assessment, and weeding for the aforementioned subject liaison areas to meet student and faculty needs
- Facilitated information literacy workshops for undergraduate students in the areas of Data; Human Kinetics; Mathematics, Statistics, and Computer Science; and Nursing
- Provided research assistance to library users in person, via email, and through Live Help chat service
- Expanded and updated Systems documentation that hasn't been maintained in five years
- Developed an Information Technology (IT) strategy and advised the Executive Committee on how to proceed with systems infrastructure and applications to meet current staff levels
- Data Liberation Initiative (DLI) contact for the University

### Systems Developer

Mar. 2012 – Sep. 2018

*Dalhousie University Libraries, Halifax, NS*

- Technical lead for the successful implementation of the Dalhousie Libraries' web presence, which was guided by user assessment and system-wide library participation
- Technical lead on integral library applications, such as DalSpace (DSpace), Open Journal Systems (OJS), Access to Memory (AtoM), and Dataverse
- Hired, supervised, and mentored four computer science co-op students who helped with web development projects for the Dalhousie Libraries; nominated for a 2017 Dalhousie Top Co-op Employer award by one of the students

## EXPERIENCE CONTINUED

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- Designed and taught 16.5 hours of a 33-hour course to the library and IT staff at Jimma University College of Agriculture and Veterinary Medicine, Jimma, Ethiopia. Modules: Introduction to Library Systems at Dalhousie; Website Development & Maintenance; Introduction to DSpace I; Introduction to DSpace II; Project Planning; Advanced DSpace
- Acted as the main point of contact for the department and delegated tasks appropriately when the manager and assistant manager were absent
- Developed and delivered in-depth content on Microsoft SharePoint for Dalhousie Libraries' diverse employees
- Developed and maintained the Dalhousie Libraries' public-facing website, which acts as a sixth library branch and is second-most popular on the Dalhousie domain
- Participated in the Strategic Planning Committee, which created the Dalhousie Libraries' 2015-2018 Strategic Plan
- Co-taught a session on research data management as part of a research boot camp for research assistants at Dalhousie University
- Generated complex statistics using MySQL and PostgreSQL to provide Dalhousie's data for CARL's annual survey of Canadian Academic and Research Libraries
- Liaised with the campus web team to stay up-to-date on changes to our content management system (AEM) and advocated for changes that improved the Libraries' web presence
- Worked with internal and key consortia stakeholders to implement a new library discovery service while lobbying for institutional best practices

### Software Developer

Sep. 2010 – Mar. 2012

*Lixar I.T. Inc, Halifax, NS*

- Maintained essential client applications for a large telecommunications company, guaranteeing availability according to SLA agreements and ensuring client satisfaction.

### Software Analyst / Developer

Dec. 2008 – Apr. 2010

*The Sugar Refinery, Edinburgh, Scotland*

- Extended the open source CRM software SugarCRM to create custom SugarCRM solutions to improve the client experience

### Software Programmer

Sep. 2006 – Sep. 2008

*Xwave, Halifax, NS*

- Maintained the essential customer facing website (<http://productsandservice.aliant.net>) and internal websites for a large telecommunications company ensuring 99.9% uptime and client satisfaction

## ACADEMIC SERVICE

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### St. Francis Xavier University

- Digitization Steering Committee. *Member*. St. Francis Xavier University. 2018 – Present
- Research Services Group. *Member*. St. Francis Xavier University. 2018 – Present
- Collections Development Group. *Member*. St. Francis Xavier University. 2018 – Present

### Atlantic Provinces Library Association

- Atlantic Provinces Library Association. *Webmaster*. 2017 – Present

### Dalhousie University

- Web Committee. *Member*. 2012 – 2014. *Chair*. 2014 – 2018
- Discovery Layer Group. *Chair*. 2014 – 2018
- Dalhousie Libraries Conference Committee. *Co-chair*. 2017
- ORCID Implementation Team. *Member*. 2017 – 2018
- Research Data Management Group. *Member*. 2016 - 2018
- Library Council. *Member*. 2012 – 2018
- Dalhousie Libraries Strategic Plan Group. *Member*. 2015
- Novanet Primo Implementation Group: User Interface / Experience. *Member*. Fall 2014

## CONFERENCE PRESENTATIONS & POSTERS

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- Tips, Tricks, & Hacks: Office 365 [Presentation]. Dalhousie Libraries Conference 2018
- Dalhousie Research Response to the Tri-Agency Policy on Open Access Publications [Poster] (with Heidi Hlubina, Brian Lesser, Tyler Lightfoot, and Lisa Nardecchia). APLA Annual Conference 2017. May 25, 2017
- Seeding Ideas: Seed Lending at Dalhousie Libraries [Presentation] (with Jolene Reid). APLA Annual Conference 2015. June 11, 2015

## PROFESSIONAL DEVELOPMENT

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- Ontario Library Association Super Conference. Toronto, ON. 2019
- Atlantic Provinces Library Association Annual Conference. Charlottetown, PE. 2017
- Research Data & Preservation (RDAP) Summit 2017. Seattle, WA. 2017
- Open Repositories 2016. Dublin, Ireland. 2016
- Atlantic Provinces Library Association Annual Conference. St. John's, NF. 2015
- True North Science Boot Camp. Kelowna, BC. May 25 – 27, 2015
- Islandora Camp GTA 2014. Scarborough, ON. August 6 – 8, 2014
- Open Repositories 2013. Charlottetown, PE. July 7 – 12, 2013

## PROFESSIONAL DEVELOPMENT CONTINUED

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- Red Hat System Administration I. 2013
- Red Hat System Administration II. 2013
- CQ 5.5 Developer Training. Adobe Systems. 2012
- ITIL Foundations Certified. 2008

## TECHNICAL SKILLS

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Programming & Scripting:	PHP; Java; JavaScript; jQuery; XML; XSLT; CSS; HTML; Shell Scripting; cURL; JSON; Regular Expressions
Content Management Systems:	Adobe AEM; WordPress; Drupal
Databases:	SQL; MySQL; PostgreSQL
Source Control:	Git; Subversion
Project Management:	JIRA; Confluence; Footprints; Redmine; DevOps; Agile
Cataloguing:	MARC; Library of Congress; Dewey Decimal
Metadata:	Dublin Core; JSON-LD;
Library Catalogues:	Ex Libris Primo, SFX, and Aleph; WorldCat Local
Scholarly Communications:	DSpace; OJS; Islandora; Hydra
Archives:	EAD; AtOM
Research Data Management:	Dataverse; OpenRefine
Learning Management Systems:	Brightspace
Other Library Software:	EZproxy; LibGuides; Camtasia

## VOLUNTEER WORK

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- Ladies Learning Code. *Mentor*. 2014-2015, 2018
- Fraser Area Council (Girl Guides of Canada). *Secretary*. 2007-2008, 2011-2013
- Girl Guides of Canada. *Unit Leader*. 2001-2008, 2010-2011
- Senior Branches Renewal Task Group (Girl Guides of Canada). *Member*. 2007
- Fraser Area Council (Girl Guides of Canada). *Senior Branch Advisor*. 2006-2008

## **VOLUNTEER AWARDS**

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- Gold Thanks Award. *Girl Guides of Canada*. 2008  
*Given to an adult member for exceptional service to Guiding*
- Bronze Merit Award. *Girl Guides of Canada*. 2007  
*Presented to adult members for dedicated service to Guiding above the basic requirements of the position held*
- Chief Commissioner's Gold Award. *Girl Guides of Canada*. 2001  
*The ultimate award a youth member can earn within Girl Guides of Canada*