

# CAROLYN ANDERSON

---

CONTACT INFORMATION	<i>Permanent address:</i> 3117 Capitol Blvd SE, Tumwater, WA 98501 <i>Email:</i> carolyn0jane0anderson@gmail.com	
EDUCATION	<b>Swarthmore College</b> , Swarthmore, PA Bachelor of Arts in Linguistics and minor in Computer Science with High Honors, May 2014	GPA: 3.93   in major GPA: 3.96
AWARDS	Fulbright Research Scholar (2014-2015); Phi Beta Kappa Inductee (2014); The Linguistics Prize in Applications of Theory, Swarthmore College (2014); Computing Research Association Outstanding Undergraduate Researchers Award Finalist (2014); National Merit Scholar (2010)	
EXPERIENCE	<b>Researcher</b> , University of Victoria and McGill University - Conducted research on technology and First Nations language revitalization under the supervision of Professors Leslie Saxon and Jessica Coon - Interviewed language activists, linguists, and First Nations community members about their beliefs on the relationship between technology and language - Audited Professor Saxon's Researching Community-Based Initiatives in Language Revitalization class	2014-2015
	<b>Research Assistant</b> , Ticha Digital Humanities Project, Haverford College - Transcribed sections of the Arte en Lengua Zapoteca, a 16th century grammar of Colonial Zapotec - Encoded the transcribed Arte in TEI, the XML standard for digital humanities projects - Designed new website for the Ticha project and developed content to explain the language and its cultural context to a range of audiences.	Summer 2014
	<b>Research Assistant</b> , Linguistics Department, Swarthmore College - Worked with Professor Brook Lillehaugen on Colonial Valley Zapotec, an indigenous Mexican language - Transcribed, analyzed, and translated Colonial Valley Zapotec texts into English. - Expanded the FLEx database of Colonial Valley Zapotec texts.	Spring 2014
	<b>Research Intern</b> , Computer Science Department, Cornell University - Worked with Professor Nate Foster on Frenetic, a network programming language - Proved soundness of language's equational theory with respect to its denotational semantics in the Coq proof assistant - Developed tests for reachability properties by relating the denotational semantics to a language model	Summer 2013
	<b>Grader</b> , Linguistics Department, Swarthmore College - Grader of weekly problem sets for Semantics (Fall 2011; Fall 2013) - Grader of midterm papers for Syntax (Fall 2012)	2011-2013
	<b>Independent Researcher</b> , Rabat, Morocco - Designed and carried out independent research on the language usage and attitudes of Moroccan students at Mohammed V University - Administered 90 surveys in three languages and translated results from French and Arabic - Presented evidence of a new language ideology emerging among educated urban youth	Spring 2012
TALKS AND PUBLICATIONS	<b>The Morphosyntax of Negation in Colonial Valley Zapotec</b> , Carolyn Jane Anderson and Brook Danielle Lillehaugen. Talk to be presented at the Society for the Study of Indigenous Languages of the Americas (SSILA) annual meeting, 2015.	
	<b>La morfosintaxis de la negation en el zapoteco del Valle colonial</b> , Carolyn Jane Anderson and Brook Danielle Lillehaugen. Talk presented at Coloquio sobre Lenguas Otomanguas y Vecinas IV: Mario Molina Cruz.	
	<b>NetKAT: Semantic Foundations for Networks</b> , Carolyn J. Anderson, Nate Foster, Arjun Guha, Jean-Baptiste Jeannin, Dexter Kozen, Cole Schlesinger, and David Walker. ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL), 2014.	
	<b>Language Ideology and Human Rights Doctrine in Morocco</b> , Talk presented at New Ways of Analyzing Variation 42, October 20, 2013.	
	<b>I Talk it and I Feel it: Language Attitudes of Moroccan University Students</b> , Undergraduate thesis, Swarthmore College, 2013.	
TECHNICAL SKILLS	Microsoft Office Suite, Python, C++, L <sup>A</sup> T <sub>E</sub> X, Racket, Haskell, Coq, Twitter Bootstrap, CSS, HTML	
LANGUAGES	Modern Standard Arabic (intermediate), French (advanced), German (intermediate)	