

# CAROLYN ANDERSON

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CONTACT	<i>Email: carolyn0jane0anderson@gmail.com</i>	<i>Website: canders1.github.io</i>
EDUCATION	<b>Swarthmore College</b> , Swarthmore, PA Bachelor of Arts in Linguistics and minor in Computer Science with High Honors, May 2014	
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>Fulbright Fellow</b> , University of Victoria and McGill University 2014-2015 <ul style="list-style-type: none"><li>- Conducting research on technology and First Nations language revitalization under supervision of Leslie Saxon and Jessica Coon</li><li>- Interviewed language activists, linguists, and First Nations community members about the relationship between technology and language</li><li>- Creating website for Mi'gmaq language lessons as part of the collaboration between McGill and Lis-tuguj Mi'gmaq community</li></ul> <b>Research Assistant</b> , Ticha Digital Humanities Project, Haverford College Summer 2014 <ul style="list-style-type: none"><li>- Transcribed sections of the Arte en Lengua Zapoteca, a 16th century grammar of Colonial Zapotec</li><li>- Encoded the transcribed Arte in TEI, the XML standard for digital humanities projects</li><li>- Designed new website for the Ticha project and developed content to explain the language and its cultural context to a range of audiences.</li></ul> <b>Research Assistant</b> , Linguistics Department, Swarthmore College Spring 2014 <ul style="list-style-type: none"><li>- Worked with Professor Brook Lillehaugen on Colonial Valley Zapotec, an indigenous Mexican language</li><li>- Transcribed, analyzed, and translated Colonial Valley Zapotec texts into English.</li><li>- Expanded the FLEx database of Colonial Valley Zapotec texts.</li></ul> <b>Research Intern</b> , Computer Science Department, Cornell University Summer 2013 <ul style="list-style-type: none"><li>- Worked with Professor Nate Foster on Frenetic, a network programming language</li><li>- Proved soundness of language's equational theory with respect to its denotational semantics in the Coq proof assistant</li><li>- Developed tests for reachability properties by relating the denotational semantics to a language model</li></ul> <b>Grader</b> , Linguistics Department, Swarthmore College 2011-2013 <ul style="list-style-type: none"><li>- Grader of weekly problem sets for Semantics (Fall 2011; Fall 2013)</li><li>- Grader of midterm papers for Syntax (Fall 2012)</li></ul> <b>Independent Researcher</b> , Rabat, Morocco Spring 2012 <ul style="list-style-type: none"><li>- Designed and carried out independent research on the language usage and attitudes of Moroccan students at Mohammed V University</li><li>- Administered 90 surveys in three languages and translated results from French and Arabic</li><li>- Presented evidence of a new language ideology emerging among educated urban youth</li></ul>	
TALKS AND PUBLICATIONS	<b>Anderson, Carolyn Jane and Brook Danielle Lillehaugen</b> , The Morphosyntax of Negation in Colonial Valley Zapotec. Under review with the Transactions of the Philological Society. <b>Anderson, Carolyn Jane and Brook Danielle Lillehaugen</b> , The Morphosyntax of Negation in Colonial Valley Zapotec. Presented at the Society for the Study of Indigenous Languages of the Americas (SSILA) annual meeting, 2015. <b>Anderson, Carolyn Jane and Brook Danielle Lillehaugen</b> , La morfosintaxis de la negation en el zapoteco del Valle colonial. Presented at Coloquio sobre Lenguas Otomangués y Vecinas (COLOV) IV: Mario Molina Cruz, 2014. <b>Carolyn J. Anderson, Nate Foster, Arjun Guha, Jean-Baptiste Jeannin, Dexter Kozen, Cole Schlesinger, and David Walker</b> , NetKAT: Semantic Foundations for Networks ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL), 2014. <b>Anderson, Carolyn Jane</b> , Language Ideology and Human Rights Doctrine in Morocco. Presented at New Ways of Analyzing Variation (NWAV) 42, 2013. <b>Anderson, Carolyn Jane</b> , I Talk it and I Feel it: Language Attitudes of Moroccan University Students. Undergraduate thesis, Swarthmore College, 2013.	
TECHNICAL SKILLS	C++, Coq, CSS, Haskell, HTML, Javascript, L <sup>A</sup> T <sub>E</sub> X, Python, Racket, XML, XSLT	
LANGUAGES	French (advanced), German (intermediate), Modern Standard Arabic (intermediate), Mi'gmaq (beginning)	