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RESEARCH INTERESTS	Language interoperability; gradual typing; language semantics and design	
CURRENT POSITION	◇ Northeastern University (Boston, MA, USA) PhD Candidate	Aug. 2014 – Present
EDUCATION	Northeastern University , Boston, MA PhD in Computer Science, <i>Expected April, 2020</i> Thesis: <i>A Semantic Foundation for Gradual Typing</i> Advisor: Amal Ahmed Committee: Matthias Felleisen, Ronald Garcia, Daniel R. Licata, Peter Thiemann, Mitchell Wand Northwestern University , Evanston, IL MS in Computer Science, <i>June 2014</i> BA in Computer Science and Mathematics, <i>June 2013</i>	2012 – 2018 2009 – 2014
SERVICE	Co-chair Eighth Workshop on Mathematically Structured Functional Programming (MSFP 2020) Panelist Programming Languages Mentoring Workshop Panel: Grad School and Beyond New England Programming Languages and Systems Symposium Co-chair October 2016 Selection Committee May 2016, June 2017, August 2018 Reviewer for: FoSSaCS, ICFP, JFP, LNCS, LICS, POPL, TOPLAS	April 2020 January 2019
AWARDS	POPL Student Research Competition, Third Place Northeastern University Fellowship	2017 2014 – Present
PUBLICATIONS (JOURNAL)	How to evaluate the performance of gradual type systems Ben Greenman, Asumu Takikawa, Max S. New, Daniel Feltey, Robert Bruce Findler, Jan Vitek, Matthias Felleisen <i>Journal of Functional Programming</i> Fair Enumeration Combinators Max S. New, Burke Fetscher, Robert Bruce Findler, Jay McCarthy <i>Journal of Functional Programming</i>	JFP Vol 29, 2019 JFP Vol 27, 2017

PUBLICATIONS (CONFERENCES)	Graduality and Parametricity: Together Again for the First Time	<i>POPL 2020</i>
	Max S. New, Dustin Jamner, Amal Ahmed	
	<i>ACM SIGPLAN Symposium on Principles of Programming Languages</i>	
	Gradual Type Theory	<i>POPL 2019</i>
	Max S. New, Daniel R. Licata, Amal Ahmed	
	<i>ACM SIGPLAN Symposium on Principles of Programming Languages</i>	
	Graduality from Embedding-projection Pairs	<i>ICFP 2018</i>
	Max S. New, Amal Ahmed	
	<i>ACM SIGPLAN International Conference on Functional Programming</i>	
	Call-by-name Gradual Type Theory	<i>FSCD 2018</i>
	Max S. New, Daniel R. Licata	
	<i>International Conference on Formal Structures for Computation and Deduction</i>	
	Fully Abstract Compilation via Universal Embedding	<i>ICFP 2017</i>
	Max S. New, William J. Bowman, and Amal Ahmed	
	<i>ACM SIGPLAN International Conference on Functional Programming</i>	
	Oh Lord, Please Don't Let Contracts be Misunderstood (Functional Pearl)	<i>ICFP 2016</i>
	Christos Dimoulas, Max S. New, Robert Bruce Findler, Matthias Felleisen	
	<i>ACM SIGPLAN International Conference on Functional Programming</i>	
	A Coq Library For Internal Verification of Running-Times	<i>FLOPS 2016</i>
	Jay McCarthy, Burke Fetscher, Max New, Daniel Feltey, Robert Bruce Findler	
	<i>International Symposium on Functional and Logic Programming</i>	
	Is Sound Gradual Typing Dead?	<i>POPL 2016</i>
	Asumu Takikawa, Daniel Feltey, Ben Greenman, Max S. New, Jan Vitek, Matthias Felleisen	
	<i>ACM SIGPLAN Symposium on Principles of Programming Languages</i>	

TALKS	Type Theoretic Gradual Typing UPenn PL Club	<i>June 2019</i>
	A Type Theoretic Approach to Gradual Typing CMU Principles of Programming Seminar	<i>October 2018</i>
	Semantic Foundations for Gradual Typing Invited Talk, MFPS 2018	<i>June 2018</i>
	Call-by-name Gradual Type Theory Northeastern PL Seminar	<i>April 2018</i>
	Retractions and Blame Northeastern PL Seminar	<i>December 2016</i>
	Abstract Interpretation Northeastern PL Seminar, Jr	<i>February 2016</i>
	The Expression Problem & Inductive Data Types Northeastern PL Seminar, Jr	<i>July 2015</i>
	System F and Parametricity Northeastern PL Seminar, Jr	<i>March 2015</i>
	Intro to Categories Northeastern PL Seminar, Jr	<i>November 2014</i>
	Every Program in Your Redex Model, in Order RacketCon	<i>September 2013</i>