

michaelmusty

contact

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~mjmusty/

languages

english native speaker
spanish & german
notions

programming

experienced with
Magma, R, \LaTeX ,
Python, Git, Sage,
Matlab, Mathematica

notions of C++,
HTML5, CSS3,
Javascript, node.js,
MongoDB,...

interests

number theory / crypto / coding theory

natural language processing / other computational things

education

since 2014	Ph.D. in Mathematics <i>Expected June 2019</i>	Dartmouth College
2014 - 2015	M.Sc. in Mathematics	Dartmouth College
2012 - 2014	M.Sc. in Mathematics <i>Thesis title: Computing Iwasawa λ-invariants</i>	University of Vermont
2008 - 2009	Graduate Studies	McGill University
2004 - 2008	B.Sc. in Mathematics / Scientific Computing	Boston College

professional experience

since 2012	Graduate Teaching Assistant <i>Department of Mathematics</i>	University of Vermont / Dartmouth College
2010 - 2013	Lecturer <i>Department of Mathematics</i>	Norwich University
2011 - 2012	Organizer: Joshua M. Stimson Math Program	Haverhill School District
2008 - 2009	Graduate Teaching Assistant <i>Department of Mathematics</i>	McGill University

research experience

since 2014	Text processing of medical records <i>with Aaron Steen in the Geisel School of Medicine</i>	Dartmouth College
since 2013	Computing Iwasawa λ-invariants <i>M.Sc. thesis with Jonathan Sands</i>	University of Vermont
since 2012	Numerical computation of three-point covers of the projective line <i>Published in LMS Journal of Computation and Mathematics with Michael Klug, Sam Schiavone, and John Voight</i>	University of Vermont
2007	REU in computational algebraic geometry <i>with J. Maurice Rojas</i>	Texas A&M University

awards and grants

since 2012	Graduate Teaching Assistantships	University of Vermont / Dartmouth College
2008 - 2009	McGill International Doctoral Award (MIDAS) <i>Department of Mathematics</i>	McGill University
2008 - 2009	Provost's Graduate Fellowship <i>Department of Mathematics</i>	McGill University
2007	NSF / IMA REU Grant DMS-0349309 <i>Department of Mathematics</i>	Texas A&M University