

EDUCATION	<p><b>UNIVERSITY OF CALIFORNIA, LOS ANGELES</b>          Doctoral candidate under Terence Tao.          Research interests include analysis and nonlinear partial differential equations.          M.A. in Mathematics, 2007          Ph.D. in Mathematics expected Spring 2011</p> <p><b>COLLEGE OF WILLIAM AND MARY, WILLIAMSBURG, VA</b>          B.S. in Mathematics, 2006, <i>summa cum laude</i>          Highest honors in Mathematics; minor in Physics          GPA: 4.00 in Mathematics, 3.93 overall</p>
EXPERIENCE	<p><b>FELLOW, UNIVERSITY OF CALIFORNIA, LOS ANGELES</b>          Research fellow 2009–2011.</p> <p><b>TEACHING ASSISTANT, UNIVERSITY OF CALIFORNIA, LOS ANGELES</b>          Led discussion and review sections for graduate and undergraduate mathematics courses.          Tutored for undergraduate courses. Nine quarters of experience.</p> <p><b>MATH IN MOSCOW, INDEPENDENT UNIVERSITY OF MOSCOW</b>          Attended the Independent University of Moscow (IUM) in Moscow, Russia during the Fall semester of 2004.</p> <p><b>DIRECTOR’S SUMMER PROGRAM, DEPARTMENT OF DEFENSE</b>          Participated during the summer of 2004 in the Director’s Summer Program (DSP) at the Department of Defense. Coauthored a paper published internally.</p>
PUBLICATIONS / PREPRINTS	<p><i>Conditional global regularity of Schrödinger maps: sub-threshold dispersed energy</i>, preprint (2010), arXiv:1012.4048.</p> <p><i>Geometric renormalization below the ground state</i>, preprint (2010), submitted, arXiv:1009.6227.</p> <p><i>The graphs for which the maximum multiplicity of an eigenvalue is two</i>, Linear and Multilinear Algebra <b>57</b> (2009), no. 7, 713–736 (with C. R. Johnson and R. Loewy).</p> <p><i>Boundary Nevanlinna-Pick interpolation for generalized Nevanlinna functions</i>, unpublished (2006), arXiv:math/0609653.</p> <p><i>Positive extension problems for a class of structured matrices</i>, Linear Algebra Appl. <b>381</b> (2004), 165–195 (with V. Bolotnikov).</p>
AWARDS	<ul style="list-style-type: none"> <li>• Dissertation Year Fellowship (UCLA, 2010/2011)</li> <li>• NSF RTG Fellowship (UCLA, 2009/2010)</li> <li>• Chancellor’s Prize (UCLA, 2007)</li> <li>• William and Mary Prize in Mathematics (2006)</li> <li>• Thomas Jefferson Prize in Natural Philosophy (William and Mary, 2006)</li> <li>• Phi Beta Kappa, Alpha of Virginia (William and Mary, 2005)</li> <li>• Barry M. Goldwater Scholar (2004, 2005)</li> <li>• Chappell Fellowship (William and Mary, 2003)</li> <li>• James Monroe Scholar (William and Mary)</li> </ul>
PROGRAMMING	C/C++, Mathematica, Matlab, SAS