

Matthew Rognlie

mrognlie@mit.edu

EDUCATION	<p>Duke University, Class of 2010 <i>Bachelor of Science, Economics and Mathematics</i> August 2006 – May 2010 GPA: 3.99 (18 A+s, 21.5 As, 1 A-). <i>Summa cum Laude</i>. Minor in computer science. Completed seventeen graduate courses in economics, mathematics, CS, physics, and statistics.</p>
WORK EXPERIENCE	<p>Jane Street Capital <i>Summer Trading and Research Intern</i> May 2009 – August 2009 Programmed trading and data analysis tools, executed trades, and evaluated models.</p> <p>Duke University, Department of Computer Science <i>Research Assistant to Professor Vincent Conitzer</i> May 2007 – August 2008 Research work in computational economics and applied math, with results in equilibria of pseudonymous games and social preference function theory.</p> <p>Duke University, Department of Mathematics <i>Teaching Assistant</i> August 2007 – December 2009 One of two student teachers responsible for designing the curriculum and giving lectures in an undergraduate problem solving seminar in Fall 2009. Previously graded an advanced undergraduate analysis class.</p> <p>Duke University, Department of Economics <i>Teaching Assistant</i> August 2009 – May 2010 Taught two recitation sections per week for intermediate microeconomics and served as TA for financial econometrics research workshop.</p>
LEADERSHIP	<p>Duke University Math Union September 2006 – May 2010 <i>President (2009-2010), Vice President (2008-2009), Member (2006-2008)</i> Leader of Duke's undergraduate math society. Coordinate a large, annual high school math competition, guest lectures, group social events, and participation in national and international competitions for undergraduates.</p>
HONORS AND AWARDS	<p>National Science Foundation Graduate Research Fellow (2010)</p> <p>Faculty Scholar (2010) Highest academic honor for Duke undergraduates. Awarded to three students in the class of 2010.</p> <p>Allen Starling Jr. Best Thesis Prize in Economics (2010)</p> <p>Julia Dale Prize in Mathematics (2010) Awarded to the three top mathematics majors at Duke in the class of 2010.</p> <p>Chief Student Marshal (2009) One of two students selected for top academic performance in the class of 2010.</p> <p>Top 100 in William Lowell Putnam Mathematical Competition (2009)</p> <p>Phi Beta Kappa (2009)</p> <p>Winner, Mid-Atlantic ACM Programming Contest (2007) First out of 138 teams, in a region spanning six states.</p> <p>Outstanding team, Interdisciplinary Contest in Modeling (2007) One of two teams to receive the designation out of 273 worldwide.</p> <p>Angier B. Duke Memorial Scholarship (2006) Full tuition and expenses merit scholarship to Duke University, given to 15 freshman applicants.</p> <p>Presidential Scholar (2006) One of 141 students nationwide honored at the White House for academic accomplishments.</p>
PUBLICATIONS	<p>Vincent Conitzer, Matthew Rognlie, and Lirong Xia. Preference Functions That Score Rankings and Maximum Likelihood Estimation. In the <i>Twenty-First International Joint Conference on Artificial Intelligence (IJCAI-09)</i>, pp. 109-115, Pasadena, CA, USA, 2009.</p>
PROGRAMMING	<p>MATLAB, Stata, Python/SciPy, Java, C++, Mathematica, L^AT_EX.</p>