

Michael Gerbush

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Born: May 26, 1987—Glen Cove, New York
Nationality: American

Areas of specialization

algorithms, complexity theory

Areas of competence

graphics, artificial intelligence, computer organization

Education

2009- PhD Candidate in Computer Science, UT-Austin
2009 BA in Computer Science and Physics, Cum Laude, Williams College

Research Experience

2008-2009 Senior Thesis in Computer Science: *Approximating Stack Covers*, Williams College
2008 Research Assistant in Computer Science, Williams College
2007-2008 Research Assistant in Physics, Williams College

Work Experience

2009 Teaching Assistant for PHIL103: Formal Logic, Williams College
2008 Research Assistant in Computer Science, Williams College
2007-2008 Research Assistant in Physics, Williams College
2009- Assistant Men's Lacrosse Coach, UT-Austin
2007-2009 Sports Information Assistant, Williams College
2006 Finance Intern, Citibank
2001-2005 SAT/New York State Regents Tutor

Grants, honors & awards

2009	Sam Goldberg Colloquium Prize in Computer Science, Williams College
2009	Dean's Excellence Award, UT-Austin
2009	Sigma Xi, Science Research Honors Society, Member
2005-2009	Dean's List of Distinguished Students, Williams College
2008	Summer Science Research Assistantship in Computer Science
2007	Summer Science Research Assistantship in Physics
2005	National Merit Finalist
2005	National AP Scholar
2005	Rensselaer Medallist
2005	Dartmouth College Book Award
2001-2004	Long Island Math Fair, Gold Medallist
2003	American Citizenship Award

Publications

Journal articles

2008	Michael Gerbush, Teng Jian Khoo, Daniel J. Phalen, Aaron Pierce, and David Tucker-Smith (2008), "Color-octet scalars at the CERN LHC", <i>Physical Review D</i> 77:095003
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Extracurricular Activities

2009	Willard E. Hoyt, Jr., Class of 1923, Memorial Award, Williams College
2009	USILA Honorable Mention All-American
2009	USILA Scholar All-American
2009	Men's Varsity Lacrosse Captain, Williams College
2009	Honorable Mention Faceoff/Inside Lacrosse Preseason All-American
2009	1st Team All NESCAC Men's Lacrosse Selection
2009	2nd Team All New England Men's Lacrosse Selection
2008	1st Team All New England Men's Lacrosse Selection
2007-2008	2nd Team All NESCAC Men's Lacrosse Selection
2008	Jewish Sports Review 1st Team All American
2008	NESCAC Men's Lacrosse Conference Champions
2008	Profiled in Lacrosse Magazine
2006-2009	Men's Varsity Lacrosse Starter, Williams College
2005	News 12/Citibank Scholar Athlete

Teaching

2009	Teaching Assistant for CS313K: Logic, Sets, and Functions, UT-Austin
2009	Teaching Assistant for PHIL103: Formal Logic, Williams College
2001-2005	SAT/New York State Regents Tutor

