Carsten Sprunger

Curriculum Vitae

EDUCATION	University of Michigan Stanford University University of Michigan	Mathematics PhD Program Mathematics PhD Program B.S. Honors Mathematics	(Fall 2019-) (Fall 2017-Summer 2018) (Fall 2013-Winter 2017)
HONORS	NSF Graduate Research Fellowship Stephen Smale Mathematics Award Phi Beta Kappa The W. and M. Cornwell Prize in Mathematics Jack McLaughlin Award in Algebra Keeler Mathematics Scholarship Jean Fairfax Scholarship Helfman Scholarship		(Stanford, 2018-present) (U of M, 2017) (U of M, 2017-present) (U of M, 2017) (U of M, 2016) (U of M, 2013-2017) (U of M, 2013-2017) (U of M, 2013-2017)
RESEARCH	Williams College Mat	hematics REU	(Summer 2016)
	• Studied a random matrix ensemble, studied the connection between random matrix theory and <i>L</i> -functions, and studied MSTD sets		
	• Gave two talks at Young Mathematicians Conference at Ohio State University		
	• Random matrix ensembles with split limiting behavior, accepted for publication in Random Matrices: Theory and Applications		
	• The bidirectional ballot polytope, accepted for publication in Integers		
	University of Michigan	n Mathematics REU	(Summer 2015 $)$
	• Studied the Hurwitz problem concerning combinatorial data associated with branched covers of Riemann surfaces		
	\bullet Gave two talks at Young Mathematicians Conference at Ohio State University		
	 LSU Center for Computation and Technology REU (Summer 2014) Worked on a program for modeling geometric flows on surfaces (e.g., mean curvature flow) 		
	\bullet Gave poster presentation at Summer Undergraduate Research Forum at LSU		
WORK	 Radiant Geospatial Solutions (Ypsilanti, MI) (Nov. 2018 - May 2019) Position: Software Developer - Research Work on SAR imaging and geospatial intelligence 		
	Course Assistant (Star		(2017 - 2018)
	• Calculus and Group	- ,	
	• Responsibilities incl	uded: office hours, grading	
	Course Assistant (Uni	versity of Michigan)	(2015 - 2017)
	• Honors mathematics sequence (analysis & linear algebra)		
	• Responsibilities inc. seminar on topic of	luded: grading, office hours, p my choice	preparing and giving weekly