Harshil M. Kamdar
CV

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Education		
	Ph.D in Astronomy and Astrophysics	2016 – Present
	Harvard University, Cambridge, MA, USA	
	Advisor: Charlie Conroy	
	S.M. in Computational Science & Engineering	2016 – Present
	Harvard University, Cambridge, MA, USA	
	B.S. in Physics, B.S in Astronomy	2012 – 2016
	University of Illinois, Urbana, IL, USA	
	Advisors: Robert Brunner, Matthew Turk	

Honors & Awards		
	DOE Computational Science Graduate Fellowship	2016 – Present
	Robert E. Hetrick Senior Thesis Prize	2016
	Stanley J. Wyatt Memorial Award	2016
	NSF Blue Waters Computational Internship	2015 – 2015
	Harry E. Preble Award for Undergraduate Research	2014, 2015
	University Achievement Scholar	2012 – 2016

Professional Activities		
	Practicum at National Renewable Energy Laboratory	May 2018 – Aug 2018
	Communicating Science Conference LOC Co-Chair	2018 – Present
	Manuscript Referee: MNRAS	2017 – Present
	Resident Tutor at Mather House: Fellowships Committee, Hiring Committee, Intramurals Committee	2017 – Present
	Science By The Pint Moderator	2016 – Present
	Graduate Student Council Representative	2016 – Present

Talks & Posters

Talks ([†]Invited)

53rd ESLAB Gaia Symposium, *ESA/ESTEC, Noordwijk, Netherlands*	Apr 2019
Dynamical Models for Stars and Gas in Galaxies in the Gaia Era, *Santa Barbara, CA*	Mar 2019
Life and Times of the Milky Way, *Shanghai Science Hall, Shanghai, China*	Nov 2018
Machine Learning Journal Club, *Harvard University, Cambridge, MA*	Mar 2018, Apr 2018
Eisenstein Group Meeting, *Harvard University, Cambridge, MA*	Dec 2017
[†]Astrophysics, Cosmology, and Gravitation Seminar, *University of Illinois, Urbana, IL*	Feb 2016
Dept of Physics Undergraduate Research Symposium, *University of Illinois, Urbana, IL*	Jan 2016
DES Chicagoland Meeting, *NCSA, Urbana, IL*	Dec 2015

Posters

DOE CSGF Program Review, *Arlington, VA*	Jul 2017, Jul 2018
227th AAS Conference, *Kissimmee, FL*	Jan 2016
Undergraduate Research Symposium, *Urbana, IL*	Apr 2015, Apr 2016
Annual Computational Science & Engineering Meeting, *Urbana, IL*	Apr 2014

Publications

Stars that Move Together Were Born Together
Harshil Kamdar, Charlie Conroy, Yuan-Sen Ting, et al. *ApJL, in preparation*

A DYNAMICAL MODEL FOR CLUSTERED STAR FROMATION IN THE MILKY WAY DISK
Harshil Kamdar, Charlie Conroy, Yuan-Sen Ting, et al. *ApJ, submitted*

MACHINE LEARNING AND COMSOLOGICAL SIMULATIONS II: HYDRODYNAMICAL SIMULATIONS
Harshil Kamdar, Matthew Turk, Robert Brunner, *MNRAS, 457 1162*

MACHINE LEARNING AND COMSOLOGICAL SIMULATIONS I: HYDRODYNAMICAL SIMULATIONS
Harshil Kamdar, Matthew Turk, Robert Brunner, *MNRAS, 455, 642*

Skills   Python, C++, Matlab, OpenMP, MPI, Mathematica, LaTeX