

## Chalence T. SafraneK-Shrader

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CONTACT	University of California, Berkeley Department of Astronomy 501 Campbell Hall Berkeley, CA 94720 USA	<i>Phone:</i> (310) 625-8599 <i>E-mail:</i> csafraneK@gmail.com <i>Web:</i> <a href="https://chalence.github.io">https://chalence.github.io</a>
PROFILE	Computational astrophysicist with experience running and analyzing massively-parallel, multi-physics simulations and approaching problems critically while grounded in the scientific method. Whatever the source, passionate about the distillation of complex data down to its most salient points and uncovering key insight. Ample teaching experience explaining complex, advanced material to non-technical and technical audiences alike.	
PROFESSIONAL APPOINTMENTS	<b>Postdoctoral Researcher</b> University of California, Berkeley	February 2016 - Present
	<b>Postdoctoral Researcher</b> University of California, Santa Cruz	August 2014 - January 2016
EDUCATION	<b>Ph.D Astronomy</b> , University of Texas at Austin Computational Astrophysics. Dissertation: "Star Formation in the First Galaxies"	July 2014
	<b>B.S. Astrophysics</b> , University of California, Los Angeles	June 2007
TOOLS	<b>Programming Languages</b> Experienced: Python, C/C++, Fortran Basic: Java, Perl, PHP  <b>Technologies &amp; Libraries</b> NumPy, SciPy, Matplotlib, scikit-learn, Cython pandas, Linux, HTML/CSS, Latex, Microsoft Excel, Gnuplot	
HONORS AND AWARDS	<ul style="list-style-type: none"><li>• AAS Rodger Doxsey Travel Prize - Runner Up (2014)</li><li>• Prize Poster Award, First Stars IV Conference (2012)</li><li>• NASA Earth &amp; Space Science Fellowship (2012-2014)</li><li>• Fred T. Goetting, Jr. Memorial Endowed Presidential Scholarship (2011)</li><li>• University of Texas at Austin Graduate School Continuing University Fellowship (2011-2012)</li><li>• Texas Cosmology Center Summer Fellowship (2010)</li><li>• McDonald Observatory Board of Visitors Best Second Year Defense (2010)</li></ul>	
OTHER INTERESTS	Rock climbing, jazz piano, cooking, volleyball, ultimate frisbee, tennis.	