

Interests	Astrophysics, stellar evolution, asteroseismology, artificial intelligence, machine learning	
Position	Postdoctoral Fellow , Max Planck Institute for Astrophysics, Germany	2021 –
Education	Ph.D. Computer Science , University of Gottingen, Germany	2018
	M.Sc. Computer Science , Indiana University, USA (GPA: 3.95/4.0)	2014
	B.Sc. Computer Science , SUNY Oswego, USA (GPA: 3.81/4.0, ranked #1 overall)	2012
	B.Sc. Applied Mathematics , SUNY Oswego, USA (<i>summa cum laude</i>)	2012
Past Research Positions	Postdoctoral Research Fellow, Stellar Astrophysics Centre , Aarhus, Denmark	2018 – 2021
	Visiting Fellow, University of New South Wales , Sydney, Australia	2019 – 2020
	Research Assistant, Max Planck Institute for Solar System Research , Germany	2015 – 2018
	Visiting Assistant in Research, Yale University , USA	2016 – 2017
	Research Assistant, Indiana University , USA	2013 – 2015
	Guest Researcher, NIST Information Technology Laboratory , USA	2013 – 2014
	Research Student, National Institute of Informatics , Japan	2013
	SURF Fellow, NASA Jet Propulsion Laboratory , USA	2012
	REU Student, Federal University of Alagoas , Brazil	2011
	REU Student, Federal University of Santa Catarina , Brazil	2010
Teaching Positions	Department of Physics & Astronomy, Aarhus University , Denmark	2018 – 2021
	Department of Astronomy, Yale University , USA	2017
	Institute for Astrophysics, University of Göttingen , Germany	2016
	School of Informatics & Computing, Indiana University , USA	2012
	Honors Department, SUNY Oswego , USA	2010
Fellowships	Max Planck Institute for Astrophysics Postdoctoral Research Fellowship	2021 – 2026
	FWO Senior Postdoctoral Research Fellowship, KU Leuven (deferred)	2023 – 2026
	Stellar Astrophysics Centre Postdoctoral Research Fellowship	2018 – 2021
	National Physical Science Consortium Graduate Fellowship	2012 – 2017
Selected Grants & Awards	NVIDIA GPU Grant	2018
	Oebele Van Dyk Outstanding Computer Science Senior Award	2012
	SUNY Chancellor's Award	2012
	SUNY Oswego Presidential Scholarship	2008 – 2012
	NSF IRES / SUNY Oswego Global Laboratory Scholarship	2010, 2011
	SMART Grant	2010, 2011
Students Supervised	Doctoral students: 5 (4 co-supervised, 3 ongoing)	
	Master students: 4 (3 co-supervised, 1 ongoing)	
	Bachelor students: 10 (10 co-supervised, 3 ongoing)	
	High School students: 1	
Journal Refereeing	<i>The Astrophysical Journal Letters</i> , <i>Monthly Notices of the Royal Astronomical Society</i> , <i>Astronomy & Astrophysics</i> , <i>The Astronomical Journal</i> , <i>Frontiers in Astronomy</i>	
Publishing	ADS Library Google Scholar 26 refereed publications (9 as first author; 3 led by students under my supervision) 18 conference proceedings and other publications (9 first author; 2 led by students) 454 citations since 2017, h-index of 13	

Associations	Developer, MESA Stellar Evolution Code	2020 –
	Junior Member, International Astronomical Union	2019 –
Observing Time	δ Eridani – the first SONG-TESS simultaneous target (P.I.) Instrument: SONG telescope (50 nights)	2018
	Simultaneous observations of oscillations in Procyon with SONG and TESS (co-P.I.) Instrument: SONG telescope (30 nights)	2018
Conference Talks * Invited talk	* Asteroseismic Science Consortium (TESS-5/Kepler-12), MIT, USA	2019
	* Dynamics of the Sun and Stars, High Altitude Observatory, Boulder, CO, USA	2019
	Stars in Melbourne, Monash University, Melbourne, Australia	2019
	Annual Danish Astronomy Meeting, Nyborg, Denmark	2019
	Cool Stars 20, Boston University, Boston, MA, USA	2018
	Asteroseismic Science Consortium (TESS-4/Kepler-11), Aarhus, Denmark	2018
	* ERES-III: Emerging Researchers in Exoplanet Science, Yale University, USA	2017
	Asteroseismic Science Consortium (TESS-3/Kepler-10), Birmingham, UK	2017
	RR Lyrae 2015, Visegrad, Hungary	2015
	American Astronomical Society, Seattle, WA, USA	2015
	20th Stellar Pulsation Conference, Granada, Spain	2011
	American Astronomical Society, Washington, USA	2011
Workshops * Invited talk	* PLATO WP122 Liege Workshop #4	2021
	* MPA–Potsdam Workshop on Hot Subdwarfs, Garching, Germany	2021
	TESS Ninja 3, University of Sydney, Australia	2020
	8th Aarhus Red Giants Workshop, Astronomical Observatory of Catania, Italy	2019
	7th Aarhus Red Giants Workshop, Max Planck Institute for Astrophysics	2017
	* 6th Aarhus Red Giants Workshop, Max Planck Institute for Solar System Research	2016
	* Indo-US Science Workshop on Variable Stars, Delhi University, Delhi, India	2015
Invited Seminar Talks	* Indo-US Science Workshop on Variable Stars, St. Thomas College, Kerala, India	2014
	Leuven Institute for Astronomy Seminar, KU Leuven, Belgium	2021
	University of Victoria ARC Star Talk, British Columbia, Canada	2021
	Max Planck Institute for Astrophysics, Garching, Germany	2021
	Monash University, Melbourne, Australia	2020
	Macquarie University, Sydney, Australia	2020
	University of Sydney, Australia	2019
	Stellar Astrophysics Centre, Aarhus University, Aarhus, Denmark	2018
	University of Wisconsin–Madison, Madison, WI, USA	2018
	Yale University, New Haven, CT, USA	2017
	Max Planck Institute for Solar System Research, Göttingen, Germany	2015
Summer Schools	KUBIC-NII Joint Seminar on Bioinformatics, Kyoto, Japan	2013
	Invited Lecturer, MESA Summer School on Stellar Evolution UC Santa Barbara, CA, USA	2022
Extra-curricular	Band leader, <i>MegaGauß</i> , Max Planck Institute for Solar System Research Multi-instrumentalist: guitar, bass, drums, piano, ukulele, cello, dulcimer	