

Jeffrey Chang

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Education	Ph.D. candidate in Physics, Harvard University	
	B.S. in Physics, Stanford University GPA: 4.03 (in major: 4.04)	2020
	Lynbrook High School, San Jose, CA GPA: 4.40, <i>Valedictorian</i>	2016
Career	<i>Textbook Author</i> , with Prof. Steven A. Kivelson and Jack M. Jiang <ul style="list-style-type: none">Writing an undergraduate-level textbook on the statistical mechanics of phase transitions	2019–
	<i>Researcher</i> , Boxer Lab, Stanford Dept. of Chemistry <ul style="list-style-type: none">X-ray crystallography of fluorescent proteins to probe the photochemistry of biological chromophores	2017–2019
	<i>Software Engineering Intern</i> , Schrödinger, Inc. <ul style="list-style-type: none">Helped develop a python GUI for protein visualization and overhauled a critical part of the software architecture	2017
Teaching	<i>Teaching Assistant</i> , Stanford Dept. of Physics <ul style="list-style-type: none">Physics 216: Back of the Envelope Physics (Aut. 19-20)Physics 63: Electricity, Magnetism, and Waves (Wtr. 19-20)	2019–
	<i>Peer Tutor</i> , Stanford Center for Teaching and Learning <ul style="list-style-type: none">Tutored Stanford undergraduates in math and physics through a free tutoring program	2019–
Honors	National Science Foundation Graduate Research Fellowship	2020
	Stanford Deans' Award for Academic Achievement	2020
	Stanford Undergraduate Research and Advising Small Grant	2019
	Stanford Bio-X IIP Symposium Best Poster Award	2018
	Stanford Bio-X Undergraduate Fellow	2018
Publications	“Structural Evidence of Photoisomerization Pathways in Fluorescent Proteins”, J. Chang, M. G. Romei, S. G. Boxer, <i>Journal of the American Chemical Society</i> , 141 , 15504-15508 (2019). [link]	
Interests	<i>Chamber Music</i> . Financial officer of the Stanford Collaborative Orchestra [link]	
	<i>Music Composition</i> . Horn sonatas, wind quintets, jazz tunes, and more [link]	
	<i>Jazz piano</i> . Active gigging musician with the Casual Business jazz combo	
	<i>French</i> . Fluent speaker with six years of coursework	