

Jeffrey Chang

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Education	B.S. candidate in Physics, Stanford University Current GPA: 4.03 (in major: 4.04)	2020 (expected)
	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 • Writing an undergraduate-level textbook on the statistical mechanics of phase transitions	2019–
	<i>Researcher</i> , Boxer Lab, Stanford Dept. of Chemistry • X-ray crystallography of fluorescent proteins to probe the photochemistry of biological chromophores	2017–2019
	<i>Software Engineering Intern</i> , Schrödinger, Inc. • 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 • 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 • Tutored Stanford undergraduates in math and physics through a free tutoring program	2019–
	<i>Science Educator</i> , Springlight Education Institute • Designed curriculum and taught high-school level classes on physics, chemistry, and biology	2015–2016
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	