

## Jeffrey Chang

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<b>Education</b>	B.S. candidate in Physics, Stanford University Current GPA: 4.01 (in major: 4.04)	2020 (expected)
	Lynbrook High School, San Jose, CA GPA: 4.40, <i>Valedictorian</i>	2016
<b>Career</b>	<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> , Schrodinger, Inc. • Helped develop a python GUI for protein visualization and overhauled a critical part of the software architecture	2017
<b>Teaching</b>	<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
<b>Honors</b>	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
<b>Publications</b>	“Structural Evidence of Photoisomerization Pathways in Fluorescent Proteins”, J. Chang, M. G. Romei, S. G. Boxer, <i>Journal of the American Chemical Society</i> , <b>141</b> , 15504-15508 (2019). [link]	
<b>Interests</b>	<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	