

## Oliver Gorton

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<b>INTERESTS</b>	High performance computing, computational physics, nuclear structure, computational quantum mechanics, information theory.	
<b>EDUCATION</b>	<i>Masters of Science, Physics</i> San Diego State University, San Diego, CA, expected May 2018	
	<i>Bachelor of Arts, Physics</i> University of California, Berkeley, CA, 2015-16	
<b>COMPUTER SKILLS</b>	<i>Languages &amp; Software:</i> FORTRAN, Python, C, LabVIEW, HTML <i>Operating Systems:</i> Unix and GNU/linux, MacOS, Windows.	
<b>EXPERIENCE</b>	<i>Graduate Student Researcher</i>	Winter 2017 - Spring 2018
	Graduate Advisor: Professor Calvin Johnson. High Performance Computing and Nuclear Physics Lab, Physics Department, San Diego State University.	
	<ul style="list-style-type: none"><li>• Conducted graduate research in computational quantum mechanics and nuclear structure.</li><li>• Peer-review publications in progress.</li><li>• Developed and worked with existing code in FORTRAN, OpenMP.</li><li>• Created shell scripts to optimize workflow.</li></ul>	
	<i>Graduate Student Researcher</i>	Summer 2017
	San Diego State University Research Foundation	
	<ul style="list-style-type: none"><li>• Developed a proton-neutron interacting shell model code.</li></ul>	
	<i>Teaching Associate</i>	Fall 2016 - Spring 2018
	San Diego State University	
	<ul style="list-style-type: none"><li>• Independently organized lectures and exams for introductory level physics lab course.</li></ul>	