

Skills	ArcGIS, QGIS, ENVI, Linux Bash, Windows, Mac, Matlab, Python, Adobe Photoshop, Adobe Illustrator, Microsoft Programs, Infrared Spectrometer, McIDAS-V, NCToolbox
Work Experience	<p><b>Student Hourly Researcher</b> January 2013 – present, Space Science and Engineering Center (SSEC)</p> <ul style="list-style-type: none"> <li>Works with a senior scientist at SSEC</li> <li>Maintains notebook containing task objectives and daily activities</li> <li>High performance computing experience analyzing large datasets including: Infrared Spectrometers - AIRS, IASI, CrIS, GOSAT Infrared Imagers – MODIS, Space-borne LIDAR – CALIPSO, CAVP, Dual-Regression, SNO, SONOs, Data Visualization - Matlab, McIDAS-V</li> <li>Presented Student poster at 2014 Annual AMS meeting <ul style="list-style-type: none"> <li>“Visualization of the 3-Dimensional Structure of Clouds and Water Vapor in the Hurricane Environment”</li> </ul> </li> <li>Presented posters at Undergraduate Research Symposium in April 2013 and April 2014.</li> <li>Assisted with several different projects and contributor to several publications <ul style="list-style-type: none"> <li>“Satellite Inter-Calibration of the JAXA GOSAT Thermal InfraRed Radiance (TIR) using NASA AIRS, EUMETSAT IASI, and NOAA CrIS Sensors.”</li> <li>“Uncertainty Estimates of NASA Satellite LST over the Greenland and Antarctic Plateau: 2003-2015.”</li> </ul> </li> </ul> <p><b>Summer GIS Intern</b> May to August 2016, Alliant Energy</p> <ul style="list-style-type: none"> <li>Assisted in making and revising company maps</li> <li>Observed team meetings</li> <li>Translated perl scripts to python scripts</li> <li>Presentation on aquired knowledge and skills at end of internship</li> </ul> <p><b>Swim Instructor/Life Guard</b> June 2010-February 2012 YMCA, Lodi, WI June 2012-now Lodi High School Pool, Lodi, WI</p> <ul style="list-style-type: none"> <li>Taught 3-8 year old children basic swimming skills and water safety.</li> <li>Served as life guard for lessons, open swim and other YMCA programs</li> <li>CPR/AED/Lifeguard certified through American Red Cross</li> </ul>
Education	<p>Currently enrolled as a senior at the University of Wisconsin – Madison</p> <ul style="list-style-type: none"> <li>Majoring in Geographical Information Sciences (GIS)</li> <li>Minor in Environmental Studies</li> <li>Expected to graduate May 2017</li> <li>Cumulative GPA – 3.248</li> </ul>

Personal Experience	<ul style="list-style-type: none"><li>▪ Weekly volunteer work with Dane County Friends of Ferals, a local no kill animal shelter. Over 60 hours of volunteer time.</li><li>▪ President of a Registered Student Organization on the UW – Madison Campus, previously vice president</li></ul>
------------------------	---