

Xinyi Wang

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Address: 235 Cavanaugh, Notre Dame, IN 46556

EDUCATION	UNIVERSITY OF NOTRE DAME Bachelor of Engineering Major: Computer Science GPA: 3.97/4.0 Dean's List	Notre Dame, IN May 2017
	SPECIAL CLASS FOR THE GIFTED YOUNG OF CHINA of XI'AN JIAOTONG UNIVERSITY GPA: 92.6/100	Xi'an, China July 2013
EXPERIENCE	Emotive Computing Lab <i>Undergraduate Researcher</i> <ul style="list-style-type: none">Apply machine learning algorithms to study people's mind wandering and boredom while they are watching a movie	Notre Dame, IN September 2014 - Present
	Springboard Engineering Solutions, LLC <i>Summer Intern, NDwaves project</i> <ul style="list-style-type: none">Designed, coded, and made creative musical instruments with Arduino for a creative concert of Third Coast Percussion in OctoberDeveloped a business plan that outlines a way to integrate elementary through middle school (K-8) arts & engineering education	Notre Dame, IN Summer 2014
	Nanotechnology Undergraduate Research Fellowship <i>Researcher, University of Notre Dame</i> <ul style="list-style-type: none">Conducted simulations with HFSS to enhance the performance of Coplanar Waveguide interconnect under higher frequencies	Notre Dame, IN Summer 2014
	Hebi Huatai Electronics Company <i>Website Designer</i> <ul style="list-style-type: none">Designed and created an English website to assist them with their English speaking market	Hebi, China May 2014
PROJECTS	Undergraduate Research on Quilt Package <i>Undergraduate Researcher</i> <ul style="list-style-type: none">Reverse engineered a PhD student's dissertation on Quilt Packaging to prepare & better understand nanotechnology researchLearned to use simulation software HFSS	Notre Dame, IN October 2013 - May 2014
	Introduction to Engineering <i>Campus Map by MATLAB</i> <ul style="list-style-type: none">Developed a map of Notre Dame's campus that has the capacity to give the shortest path between two buildings in different weather conditions and give directions	Notre Dame, IN Spring 2014
ACTIVITIES	Society of Women Engineers, Website Director <ul style="list-style-type: none">Create and maintain the website for 2015 SWE Region H conference	Notre Dame, IN March 2014 - Present
	Academic Services for Student Athletes, Tutor <ul style="list-style-type: none">Tutored Calculus I for student athletes	Notre Dame, IN September 2013 - Present
SKILLS	Computer: MATLAB, Arduino, HTML, CSS, Java, Processing(Basic) Language: Fluent in Chinese and English	