

Zibo Wang
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Education:	Rose-Hulman Institute of Technology Bachelor of Science Double Major: Physics and Mathematics, Minor in Astronomy and Computational Science	Terre Haute, IN May 2019 GPA: 3.81/4.00
Honors:	Dean's List	Nov. 2015 – present
	C. Leroy Mason Physics Award to the Outstanding Sophomore Physics Major	May 2017
	John W. Rhee Memorial Award to the Outstanding Senior Physics Major	May 2019
Skills:	Software: SolidWorks, Eclipse, Maple, Logger Pro, Microsoft Office Programming/Markup Languages: Python, Arduino, R, MATLAB, HTML, LaTeX	
Experience:	TA for PH113, PH292, PH322, PH401 and PH405 Grader for Physics III, Physical Optics, Celestial Mechanics, Quantum Mechanics and Semiconductor Materials and Applications	
Project:	Numerical Method for Electric Potential Field Used numerical methods to give approximate solutions to a boundary value problem of electric potential	Winter 2016
	Determination of the Band-gap of Semiconductors Used an op-amp circuit with an Arduino board to determine the Band-gap of different semiconductors	Spring 2017
	Determination of Orbital Elements of an Asteroid Determined orbital elements of an asteroid with existing photos using Maple and MATLAB	Spring 2017
	Quantum Entanglement and Application Researched entanglement and applications such as quantum teleportation and superdense coding	Spring 2018
	Quantum Game Theory Researched quantum games, specifically on quantum prisoner's dilemma.	Fall 2018
	Hydrogen Wave Equation Solved Schrödinger's equation for the hydrogen atom with ideas in partial differential equations, and examined the well posedness of the solution	Fall 2018
	Asteroid Photometry Measured light curves for Arthurmillier, Gantrisch, Mikawa, Oishi, Rubtsov, 1990 US4, and 1999 JX37.	Winter 2018
	Mathematics Behind the Standard Model Derived Klein-Gordon, Dirac, and Proca Equation from symmetries and groups, including particles interaction and the origin of mass.	Spring 2018

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学历:	罗斯霍曼理工学院 本科专业: 物理, 数学 辅修: 天文, 计算科学	2019/05 平均绩点: 3.81/4.00
获奖:	优秀学生名单	2015/11 – 2019/05
	C. Leroy Mason 奖 (最佳大二物理专业)	2017/05
	John W. Rhee 奖(最佳大四物理专业)	2019/05
技能:	软件: SolidWorks, Eclipse, Maple, Logger Pro, Microsoft Office 编程/标记语言: Python, Arduino, R, MATLAB, HTML, LaTeX	
经验:	PH113, PH292, PH322, PH401 and PH405 助教 物理三, 物理光学, 天体力学, 量子力学, 半导体原理及应用课程助教	
设计:	Numerical Method for Electric Potential Field 数值法解电势场	2016
	Determination of the Band-gap of Semiconductors 测定半导体的能带隙	2017
	Determination of Orbital Elements of an Asteroid 小行星轨道参数测定	2017
	Quantum Entanglement and Application 量子纠缠及应用	2018
	Quantum Game Theory 量子博弈论	2018
	Hydrogen Wave Equation 氢原子波函数	2018
	Asteroid Photometry 测量小行星 Arthurmiller, Gantrisch, Mikawa, Oishi, Rubtsov, 1990 US4, and 1999 JX37 光变曲线	2018
	Mathematics Behind the Standard Model 标准模型背后的数学	2018