



Fengyan Yang

INFO



Name : Fengyan Yang
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Education experience

2016.9 - current:

A junior student in the advanced program named Boling Class in Department of Physics, Nankai University, China.

GPA: 3.78/4 (91.71/100) ranking **3/23** in Boling Class .

Courses already learned :

electrodynamics, quantum mechanics, solid state physics, nonlinear optics, methods of mathematical physics, theoretical mechanics, computational physics , linear algebra, optics, atomic physics, python programming etc.

Research experience

2018.6-2018.9: Fengyan worked as a student intern in College of Optics, University of Arizona. She developed a software package on her own to simulate the nonlinear dynamics for frequency comb evolution in ring resonators. The main softwares she used are MATLAB and COMSOL.

2018.10-2019.2: Fengyan participated in a new research program focusing on photonic topological insulators. She have mastered main concepts of topological insulator and done some numerical calculations related to band structure.

Programing ability & language ability

Programing: MATLAB: advanced Python: intermediate
Simulation: COMSOL: advanced
language: TOFEL: 101 /120, with oral speaking getting 23

Scholarships & Awards

2017: National motivational scholarship, considered one of the best scholarships a student can earn in Chinese university.

2018: 1. Scholarship from Institute of physics and chemistry, Chinese academy of sciences
2. The prize of Boling class in Nankai University.

Other valuable experience

Academic:

◆2016.10 - 2017.5: Took part in Nankai physics tournament and won the first prize;
◆2018.1 - current: President of OSA student chapter in Nankai University

Community Service:

◆2016.7 - 8: Led several classmates to establish a tutor group, teaching high school courses and sharing high-quality educational resources with those students in less-developed areas.
◆2018.9 - current: Chief editor of Boling Journal