

KEVIN WONG
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EDUCATION

California Polytechnic State University San Luis Obispo

Bachelor of Science Degree in Physics

June 20xx

Minor in Mathematics

RESEARCH EXPERIENCE

Thermal Energy Undergraduate Researcher

20xx-20xx

Cal Poly, San Luis Obispo

- Designed a pump fueled by thermal energy
- Documented thermal components of bimetallic disks
- Conducted thermal analysis on bimetallic disks
- Worked in machine shop using equipment such as End Mill, Lathe, CMM, etc.

COURSE PROJECTS

Computational Physics

- Recreated the Schelling Model using Python programming language

Thermal Computational Analysis

- Collaborated with 3 classmates to compute and recreate thermal applications in the real world using Microsoft Excel and MATLAB

Electrical Measurements Laboratory

- Created seven-segment display using LabVIEW
- Created circuits that use thermistors to read temperature and display the results in LabVIEW

Quantum Laboratory

- Utilized lab instruments to analyze atomic structure of molecules
- Operated instruments such as Quadrupole Mass Spectrometer, Optical Pump, Multi-Channel Analyzer, Oscilloscopes, NMR, Photomultiplier Tubes, etc.

Polymer Electronics Laboratory

- Designed and created polymer solar cells
- Tested efficiency of several polymer cells, each constructed using different polymers

CAMPUS INVOLVEMENT/LEADERSHIP

Vice President, Alpha Phi Omega

20xx-20xx

Member, Alpha Phi Omega

20xx-20xx

- National co-ed service society guided by 3 principles: Leadership, Friendship, and Service
- Performed 30+ hours of volunteer work in the local community

ADDITIONAL WORK EXPERIENCE

Physics Department Grader, Cal Poly

20xx-20xx

Barista, Daily Grind

20xx-20xx