

KARL SEWICK

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EDUCATION

University of Pittsburgh, Pittsburgh PA
B.S in Electrical Engineering, Minor in Computer Science
Current G.P.A.: 3.59

Expected Graduation: May 2019

Relevant Coursework:
Analysis of Electronic Circuits
Computer Organization
Data Structures
Java, C++, Mat lab, Unix

WORK/RESEARCH EXPERIENCE

International Young Physicists' Tournament, Thailand

September 2014 to July 2015

IYPT Team USA Leader

Responsible for research and experimentation on three separate projects under the topics of electromagnetics, wave theory, and optics.

Goal of research was to display findings and argue findings at an international tournament.

Research presented at 2015 International Young Physicists' Tournaments

USA Young Physicists' Tournament, Woodberry Forest, VA

January 2015 to February 2015

USAYPT Team Phoenixville Member

Responsible for data collection and analysis of the gauss rifle project.

Responsible for experimental setup and data collection for the window kerf project.

Goal of research was to display findings and argue findings at a national tournament.

Math Tutor, Phoenixville PA

Algebra 1 & 2 Tutor

Helped students with solving/graphing equations, factoring, and understanding polynomial functions.

Waiter, Movie Tavern, Phoenixville, PA

May – August 2016

Assisted in all areas of fine dining service.

VOLUNTEER WORK

Guitar Teacher, Phoenixville PA

August 2011 to May 2015

Work included designing lesson plans, teaching music, various play styles, and guitar restringing.

Taught local students from the community.

Various Walk/Run fundraisers; Relay for Life (24 hour relay), Crop Run, Dana Marie Run (7 years)

2003-present

HONORS

University of Pittsburgh Swanson School of Engineering

August 2015-Present Honors Student

Recognized by the PA Congress and Governor for work with IYPT

2015

Woody Herman Award; which is given to... "Honor students who exhibit an excitement

for jazz performance, Exceptional work ethic, and a genuine interest in growth as a jazz musician."

May 31, 2015