

ZIGGY ZACKS

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EDUCATION

WESLEYAN UNIVERSITY Middletown, CT May 2015

Double Major: Physics and Computer Science

PELHAM MEMORIAL HIGH SCHOOL Pelham, NY 2007-2011

Honors and Awards: Top Student in Physics and Chemistry; High Honor Roll, Italian Honors Society, Basketball Team Captain (all-league/all-section/all-county athlete), Court of Excellence (elite scholar-athlete)

INTERNSHIPS AND CLUBS

CERN – GENEVA, SWITZERLAND May 2012 to August 2012

Researched highly boosted top quarks as a member of Columbia University's ATLAS experiment group during summer of Higgs Boson discovery. Received funding from the National Science Foundation for this paid REU internship. Presented paper <http://www.nevis.columbia.edu/reu/2012/ZacksReport.pdf>

TEAM AMERICA ROCKETRY CHALLENGE 2010-2011

Helped design and build a two-pound rocket to enter the world's largest amateur rocketry contest; target goal: 750 ft. altitude; must also use a 15-inch parachute to land a raw egg un-cracked. Placed in top four in NY State, qualifying for national finals in Virginia.

SCIENCE OLYMPIAD 2010, 2011

Helped design and build a fighting robot, specifically a sumo-bot with tractor tread mobility and a frontal scoop plow. Placed third in NY State regional in 2010; placed second in 2011.

NATIONAL PUBLIC RADIO July -August 2010

Researched and reported science pieces for "Science Fridays" with Ira Flatow on topics such as oyster cultivation and seaside salination of French Fries. Wrote for web site.

WORK EXPERIENCE

INCARNATION CAMP July-August, 2011

Worked as a day camp counselor in Ivoryton, CT overseeing pre-teen campers.

ACADEMIC TUTOR 2007-2011

Tutored students ranging from eighth to eleventh grade in science, math and history

REFERENCES

Emily Thompson

Postdoctoral Researcher, Columbia University

Email emily.thompson@gmail.com