KENNY ROFFO

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State University of New York at Oswego
B.S. Physics, Mathematics, Computer Science   expected *May 2017*

RESEARCH & INTERNSHIP EXPERIENCE

NASA Jet Propulsion Laboratory   September 2016 – present
Software Computing Systems Undergraduate Student IV   Pasadena, CA, USA
    Advisors: Diane Conner and Mark Johnston
    Topic: Development of a web-based tool for scheduling maintenance activities on antennae of the Deep Space Network.

SAGE group, Max-Planck Institute for Solar System Research   Summer 2016
Research Assistant   Goettingen, Germany
    Advisors: Saskia Hekker, George Angelou, Earl Bellinger, Shashi M. Kanbur
    Topic: An asteroseismic analysis of the red giant branch bump using MESA stellar evolution code and ADIPLS stellar pulsation code.
    Grant: SUNY Oswego Challenge grant

NASA Jet Propulsion Laboratory   Summer 2015
Summer Intern   Pasadena, CA, USA
    Advisors: Diane Conner and Mark Johnston
    Topic: Development of a web-based diff tool to greatly increase the speed at which software engineers at JPL could test new versions of a tool under development.

Department of Physics & Astrophysics, University of Delhi   Summer 2014
Research Assistant   New Delhi, India
    Advisors: Shashi M. Kanbur, H. P. Singh
    Topic: Determination of metallicities of several RR Lyrae variable stars in the CSTAR data sets.
    Grant: SUNY Oswego Challenge grant

AWARDS

Sigma Xi / ORSP Quest 2015 Award, SUNY Oswego   *2014*

ORGANIZATIONS

Omicron Delta Kappa National Leadership Honor Society   *Inducted 2015*

Phi Kappa Phi Honor Society   *Inducted 2014*

SUNY Oswego Math Club, President   *2014 – Present*

SUNY Oswego Astronomy Club, Treasurer   *2013 – Present*

Boy Scouts of America, Eagle Scout   *1999 – 2012*

TECHNICAL SKILLS

Programming Languages	Java, JavaScript, Python, Bash, C/C++
Markup Languages	LaTeX, HTML, markdown
Tools	Linux, Git, Emacs