

KENNY ROFFO

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State University of New York at Oswego

B.S. Physics, Mathematics, Computer Science, Honors Program, 3.66

May 2017

RESEARCH & INTERNSHIP EXPERIENCE

NASA Jet Propulsion Laboratory

Software Computing Systems Undergraduate Student IV

September 2016 – present

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](#), Max-Planck Institute for Solar System Research

Research Assistant

Summer 2016

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 Intern

Summer 2015

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

Research Assistant

Summer 2014

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 using Fourier Decomposition.

Grant: SUNY Oswego Challenge grant

AWARDS

Sigma Xi / ORSP Quest 2015 Award, SUNY Oswego

2015

[Presidential Scholarship for Academic Achievement](#), SUNY Oswego

2012-2016

ORGANIZATIONS

Omicron Delta Kappa National Leadership Honor Society

Inducted 2015

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

L^AT_EX, HTML, markdown

Tools

Linux, Git, Emacs