

# KENNY ROFFO

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State University of New York at Oswego

B.S. Physics, Mathematics, Computer Science, Honors Program, 3.68

expected *May 2017*

## RESEARCH & INTERNSHIP EXPERIENCE

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### 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

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Sigma Xi / ORSP Quest 2015 Award, SUNY Oswego

*2015*

## ORGANIZATIONS

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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

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Programming Languages

Java, JavaScript, Python, Bash, C/C++

Markup Languages

L<sup>A</sup>T<sub>E</sub>X, HTML, markdown

Tools

Linux, Git, Emacs