

# 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*

## Johns Hopkins University

M.S. Computer Science (in progress)

*Expected Fall 2020*

## PROFESSIONAL EXPERIENCE

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### NASA Jet Propulsion Laboratory

*Engineering Applications Software Engineer*

June 2017 – Present

Pasadena, CA, USA

#### Notable Accomplishments:

InSight Mars Lander Development and Operation of Surface Modeling Tools

## RESEARCH & INTERNSHIP EXPERIENCE

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### NASA Jet Propulsion Laboratory

*Software Computing Systems Undergraduate Student IV*

September 2016 – December 2016

Pasadena, CA, USA

**Advisors:** Diane Conner and Mark Johnston

**Topic:** Development of a web-based tool for scheduling maintenance activities for the DSN.

### [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 RGB bump using MESA and ADIPLS

### NASA Jet Propulsion Laboratory

*Summer Intern*

Summer 2015

Pasadena, CA, USA

**Advisors:** Diane Conner and Mark Johnston

**Topic:** Development of a web-based tool to assist software engineers at JPL.

### Department of Physics & Astrophysics, University of Delhi

*Research Assistant*

Summer 2014

New Delhi, India

**Advisors:** Shashi M. Kanbur, H. P. Singh

**Topic:** Analysis of several RR Lyrae variable stars in the CSTAR data sets.

## AWARDS

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**Development and Delivery of the Link Complexity Scheduling Tool**, NASA Jet Propulsion Laboratory *Sept. 22, 2017*

**Successful completion of the Link Complexity and Maintenance Tool**, NASA Jet Propulsion Laboratory *July 13, 2018*

## ORGANIZATIONS

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**Boy Scouts of America**, Eagle Scout (2012), Unit Commissioner

*1999 – Present*

**Omicron Delta Kappa National Leadership Honor Society**

*Inducted 2015*

## TECHNICAL SKILLS

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**Programming Languages**

**Markup Languages**

**Tools**

Java, Python, Javascript, Bash, C/C++

LaTeX, HTML, markdown

Linux, Git, Emacs