KENNY ROFFO

✉ kroffo@oswego.edu 🌐 kennyroffo.com ⭘ kroffo

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

NASA Jet Propulsion Laboratory   June 2017 – Present
Engineering Applications Software Engineer   Pasadena, CA, USA
> **Notable Accomplishments:**
> InSight Mars Lander Development and Operation of Surface Modeling Tools

RESEARCH & INTERNSHIP EXPERIENCE

NASA Jet Propulsion Laboratory   September 2016 – December 2016
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 for the DSN.

SAGE, 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 RGB bump using MESA and ADIPLS

NASA Jet Propulsion Laboratory   Summer 2015
Summer Intern   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   Summer 2014
Research Assistant   New Delhi, India
> **Advisors:** Shashi M. Kanbur, H. P. Singh
> **Topic:** Analysis of several RR Lyrae variable stars in the CSTAR data sets.

AWARDS

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

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

ORGANIZATIONS

Boy Scouts of America, Eagle Scout (2012), Unit Commissioner   *1999 – Present*

Omicron Delta Kappa National Leadership Honor Society   *Inducted 2015*

TECHNICAL SKILLS

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