# DANIEL WYSOCKI

11 Dixon CT ◇ Poughquag, NY 12570

(845) 240 - 0386 ◇ dwysocki@oswego.edu

## EDUCATION

**State University of New York at Oswego** *2010 – present*
B.S. in Physics
B.S. in Computer Science
Minor in Astronomy
Overall GPA: 3.05

## RESEARCH EXPERIENCE

**Department of Physics & Astrophysics,** University of Delhi, India *Summer 2014*
Advisors: Dr. Sukanta Deb, Dr. Shashi M. Kanbur, and Dr. H. P. Singh
Topic: Morphology of the Large and Small Magellanic Clouds using fundamental mode cepheids

**Physics Department,** SUNY Oswego, NY, USA *August 2013 – June 2014*
Advisor: Dr. Shashi M. Kanbur
Topic: Principal Component Analysis of cepheid variable stars

**Graduate Institute of Astronomy,** National Central University, Taiwan *Summer 2012*
Advisors: Dr. Chow-Choong Ngeow and Dr. Shashi M. Kanbur
Topic: Template fitting of first-overtone cepheid variable stars

## TALKS

. . .

## POSTER PRESENTATIONS

**American Astronomical Society meeting**, Boston, MA, USA *June 2014*
Title: "Principal Component Analysis of Cepheid Variable Stars"
Authors: **D. Wysocki**, Z. Schrecengost, E. Bellinger, S. M. Kanbur, D. Sukanta, H. P. Singh

**2012 Summer Student Research Poster Conference**, Oswego, NY, USA *September, 2012*
Title: "Light Curve Template for First-Overtone Cepheid Variable Stars"
Authors: **D. Wysocki**, C. Ngeow, S. M. Kanbur

## WORK EXPERIENCE

**Office of Learning Services** January 2012 – May 2012, January 2013 – present
*Tutor* *Oswego, NY*

· Tutored introductory physics, math, computer science, and astronomy courses to undergraduates at SUNY Oswego

**Dr. Scott Roby, Planetarium Director** June 2013 – July 2013
*Development Assistant* *Oswego, NY*

· Worked as assistant to the Planetarium Director at SUNY Oswego to develop and design production, presentation, promotional, and logistical resources for the new planetarium opening in the fall of 2013.

## TECHNICAL EXPERIENCE

| | |
|---|---|
| **Computer Languages** | Python, Clojure, Bash, LaTeX, markdown |
| **Tools** | Linux, Emacs, git |

## CLUBS AND ORGANIZATIONS

**American Physical Society**, Member — *2011 – present*

**Sigma Xi**, Member — *2014 – present*

**SUNY Oswego Astronomy Club**, Member – President — *2010 – present*

**SUNY Oswego Computer Science Association**, Member — *2013 – present*

**SUNY Oswego Physics Club**, Member — *2010 – 2012*