

Eitan Lees
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EDUCATION

Florida State University, Tallahassee, FL PhD in Scientific Computing	2015-Present 4.00 / 4.00
Miami University of Ohio, Oxford, OH Master of Science in Physics	2013-2015 4.00 / 4.00
Appalachian State University, Boone, NC Bachelor of Science in Applied Physics	May 2013 3.38 / 4.00

RESEARCH

Research Assistant <i>Corrosion of Metal</i> <i>Florida State University, Tallahassee, FL</i> <ul style="list-style-type: none">Developed a non-local model of pitting corrosion of metals	2015-Present
Research Assistant <i>Miami Quantum Optics Group</i> <i>Miami University of Ohio, Oxford, OH</i> <ul style="list-style-type: none">Developed software to model the dynamics of Rydberg Atoms.Worked with quantum Monte Carlo Algorithms to study open quantum systems.Utilized advanced quantum software packages to model dipole-dipole interaction.	2013-2015
Research Assistant <i>Appstate Experimental Surface Physics Group</i> <i>Appalachian State University, Boone, NC</i> <ul style="list-style-type: none">Developed a technique for the characterization of organic solar cell morphology.Build a lamp apparatus to test the efficiencies of solar cells.Developed a method for spin coated organic solar cell synthesis.	2011-2013

WORK

Instructional Assistant <i>Department of Scientific Computing</i> <i>Florida State University, Tallahassee, FL</i> <ul style="list-style-type: none">Served as an assistant for an Excel course lab section	Fall 2015
Instructional Assistant <i>Department of Physics</i> <i>Miami University of Ohio, Oxford, OH</i> <ul style="list-style-type: none">Served as instructor for two introductory level physics laboratories.Graded the classwork of an introductory astronomy class.	2013 - 2015 Spring 2013
Instructional Assistant <i>Department of Physics and Astronomy</i> <i>Appalachian State University, Boone, NC</i> <ul style="list-style-type: none">Served as instructor assistant for a computational physics class.Graded the classwork of a computational physics class.	Fall 2012 Fall 2012

PRESENTATIONS

**Geometry dependent suppression of collective
quantum jumps in Rydberg atoms**

June 8-12, 2015

APS Division of Atomic, Molecular and Optical Physics, Columbus, OH

Characterization of organic solar cell morphology

March 18-22, 2013

APS March Meeting, Baltimore, MD

GRANTS

North Carolina Space Grant [\$5000]

June 2012

RELEVANT SKILLS

C, Python, R, Mathematica, Quantum Mechanics, Electricity and Magnetism, Microscopy, L^AT_EX, Linux