

Melissa Payer Sulprizio

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PROFESSIONAL EXPERIENCE

Senior Scientific Software Engineer	Harvard University, Cambridge, MA	2022–present
Senior Scientific Programmer	Harvard University, Cambridge, MA	2017–2022
Scientific Programmer	Harvard University, Cambridge, MA	2011–2017
Chemistry Tutor	Anna Maria College, Paxton, MA	2011
Graduate Research Assistant	University at Albany, SUNY, Albany, NY	2009–2010
Graduate Teaching Assistant	University at Albany, SUNY, Albany, NY	2009–2010
Summer Research Intern	Hobart & William Smith Colleges, Geneva, NY	2006, 2008
Research Intern	NOAA Space Weather Prediction Center, Boulder, CO	2007

EDUCATION

M.S. Atmospheric Science, University at Albany, SUNY	2010
Thesis: Precipitation Distributions Associated with Cool-season Cutoff Cyclones in the Northeast US	
B.S. Meteorology, Minor in Technical Mathematics, Plymouth State University	2008

CURRENT ROLES

GEOS-Chem Support Team, Senior Member
GEOS-Chem Steering Committee Member as Model Engineer
GEOS-Chem Software Engineering Working Group Co-Chair
Methane Project Support Lead, Harvard Atmospheric Chemistry Modeling Group

SKILLS

Operating Systems	Linux, Mac OS X, Windows
Programming	Fortran, Python, bash, C, Make, IDL, Perl, R, NCL, Git
Web Development	HTML, JavaScript, CSS, Jekyll, ReadTheDocs, MediaWiki
Scientific Tools	Git, TAU, MATLAB, SPSS, HYSPLIT
Other	Microsoft Office, Adobe Photoshop

HONORS AND AWARDS

AMS Graduate Fellowship	American Meteorological Society	2008
Senior Meteorology Achievement Award	Plymouth State University	2008
David S. Johnson Endowed Undergraduate Scholarship	American Meteorological Society	2007
Ernest F. Hollings Undergraduate Scholarship	NOAA	2006
NASA Space Grant Scholarship	NASA	2005–2007
Geneva Smith Meteorology Scholarship	Plymouth State University	2005, 2006
Presidential Scholarship	Plymouth State University	2004–2008

PROFESSIONAL AFFILIATIONS

Phi Kappa Phi	2008–present
American Meteorological Society	2006–present