

James R. Grisham

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EDUCATION	<i>Doctor of Philosophy</i> , Aerospace Engineering (4.0/4.0) University of Texas at Arlington, Arlington, Texas, Expected May 2017 Concentration: CFD and Shock Wave-Boundary Layer Interactions	
	<i>Bachelor of Science</i> , Aviation Tarleton State University, Stephenville, Texas, May 2009 Concentration: Professional Pilot	
COMPUTER SKILLS	<i>Languages & Software</i> : C/C++, Fortran, Python, MATLAB, Bash, Haskell, Tcl/Tk (Glyph), Tecplot, Pointwise, Fluent, NPSS, L ^A T _E X, Git, and Doxygen. <i>Operating Systems</i> : Unix/Linux, Windows, and Mac OS.	
EXPERIENCE	<i>Graduate Teaching Assistant</i>	Fall 2012–Present
	University of Texas at Arlington, Mechanical and Aerospace Engineering, Arlington, TX	
	<ul style="list-style-type: none">• Taught undergraduate experimental measurements and methods lab.• Served as a class teaching assistant for fluid mechanics and graduate-level gas dynamics.	
	<i>Research Associate</i>	Summer 2013
	National Aeronautics and Space Administration, Aeroelasticity Branch, Hampton, VA	
HONORS AND AWARDS	<ul style="list-style-type: none">• Performed dynamic aeroelastic CFD simulations using the FUN3D code.• Developed approximately 3,000 line MATLAB code specifically designed to post-process aeroelastic FUN3D results automatically.	
	<i>Aeronautics Academy Intern</i>	Summer 2012
	National Aeronautics and Space Administration, Aeronautics Research Directorate, Hampton, VA	
	<ul style="list-style-type: none">• Served as team lead of ten-person Aeronautics Academy.• Conducted feasibility study of a novel networked air traffic infrastructure validation environment.• Developed proof-of-concept simulation using NASA Air Traffic Management simulation and served as lead author on proof-of-concept AIAA paper.	
	<i>Flight Instructor</i>	Spring 2009–Summer 2011
HONORS AND AWARDS	Aurora Aviation, McGregor, TX	
	<ul style="list-style-type: none">• Trained pilots for various levels of FAA certification.• Developed new syllabi for accelerated training courses.	
	– NASA Texas Space Grant Consortium Graduate Fellowship	2015–2017
	– Lockheed Martin Missiles and Fire Control Fellowship	2014–2016
	– NASA Texas Space Grant Consortium Scholarship	2011–2012
	– FAA Gold Seal Flight Instructor Certificate	June 2011