
Richard J. Lucas

Education	Fullstack Academy The University of Mississippi Major: Mechanical Engineering, Minor: Chinese Engineer in Training (E.I.T.) Designation	
Recent Projects	(2016) Chrome Extension for ASME C&S Connect (2015) Voting System for ASME Staff (2014) Knowyourmacros.com	
Honors and Activities	Represented Ole Miss at the ASME Student Design Competition Dean's Honor Roll (2009, 2011, 2012) Chancellor's Honor Roll (2010, 2011, 2012) Pi Mu Epsilon National Honorary Mathematics Society The National Society of Leadership and Success Sigma Alpha Lambda National Leadership and Honors Organization American Society of Mechanical Engineers (2010 - Present) ASME Merit Recognition (2016)	
Professional Experience	ASME: Standards and Certifications Engineer (September 2012 - Present) <ul style="list-style-type: none">Managing the development process for new and existing standards by working with volunteer members that are experts in their field, the public, and with other ASME staff. Overseeing Codes and Standards covering the following topics: U.S. Army Research Laboratory: Summer Intern (2011, 2012) <ul style="list-style-type: none">Analyzed peridynamics to determine the domain of applicabilityUsed LAMMPS, characterized and quantified damage in molecular dynamics simulations The University of Mississippi: Engineering Student Body Tutor (2010 - 2012) <ul style="list-style-type: none">Physics, Mechanics of Materials, Calculus, Pre-Calculus	
Skills	AutoCAD Pro/Engineer Linux Microsoft Office HTTP	C/C++ Programming Machining Chinese (moderately fluent) Fortran 95/2003 CSS
Publication	<i>An Assessment of Peridynamics for Pre and Post Failure Deformation.</i> Richard Becker, Richard Lucas. Army Research Laboratory. Internal Publication. 2011.	