Richard J. Lucas

Education	Fullstack Academy (2017) • Web software development The University of Mississippi (2012) • 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	ASME Performance Review Discretionary Award (August 2016) ASME Spot Recognition Award (March 2016) Chancellor's Honor Roll (2010, 2011, 2012) Dean's Honor Roll (2009, 2011, 2012) ASME Student Design Competition Pi Mu Epsilon National Honorary Mathematics Society The National Society of Leadership and Success Sigma Alpha Lambda National Leadership and Honors Organization
Professional Experience	**ASME – New York, NY** Project Engineer (August 2016 - Present) Standards and Certifications Engineer (September 2012 - August 2016) • 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. **U.S. Army Research Laboratory – Aberdeen, MD** Summer Intern (2011, 2012) • Analyzed peridynamics to determine the domain of applicability • Used LAMMPS, characterized and quantified damage in molecular dynamics simulations **The University of Mississippi – University, MS** Engineering Student Body Tutor (2010 - 2012) • Physics, Mechanics of Materials, Calculus, Pre-Calculus
Skills	JavaScript, C/C++, PHP, NodeJS, Linux, Chinese, Microsoft Office, ExpressJS, HTTP, CSS
Publication	*An Assessment of Peridynamics for Pre and Post Failure Deformation.* Richard Becker, Richard Lucas. Army Research Laboratory. Internal Publication. 2011.