

Ryan Chapman – EIT

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	Bachelor of Science in Mechanical Engineering Minor in General Business University of Idaho (UI), Moscow, ID GPA: 3.77	Dec. 2016	
Education	Relevant Coursework Project Management Thermal Energy Systems Design Quality Management Computational Fluid Dynamics	Fatigue and Fracture Mechanics Adv. Computer Aided Design Methods Dynamic Modeling of Engineering Systems Mech. Engineering Thermodynamics	
Computer Skills	Proficient in: SolidWorks Engineering Equation Solver Microsoft Office Products	Knowledgeable in: CATIA v5 TK Solver 5.0 MATLAB	Familiar with: Microsoft Project AutoCAD C++ (with Arduino)
Project Work	Redesign of Robotic Manufacturing Work Cell <ul style="list-style-type: none"> Design and construction of new robotic arm work cell for UI Department of Engineering Facilitated team meetings and client interaction Created an instructional manual on robot operation and programming New workcell to be used for an industrial automation course upon completion 	Jun. 2016 – Dec. 2016	
	Boeing Integrated AeroStructures Finish Cell <ul style="list-style-type: none"> Evaluated 750k lines of raw data to develop metrics for health of Finish Cell Developed control charts, and correlation analyses to quantify cell data Examined work order path through cell to establish how variation affects certain areas Reported findings and recommendations in a presentation to Boeing executives 	Nov. 2016 – Dec. 2016	
Work Experience	Power Plant Operator – University of Idaho Energy Plant <ul style="list-style-type: none"> Perform chemical testing on water filtration and adjust accordingly Administer Siemens logistics controls to adjust boiler operation Regulate emissions to stay within DEQ regulation for biomass furnaces 	Jun. 2015 – present	
	Handheld Video Crew Member – Stanford Research Institute International <ul style="list-style-type: none"> Responsible for filming Army National Guard training exercises Communicated project updates to supervisor while self-managing time and priorities 	Jun. 2013	
	Senate Page – Idaho State Senate <ul style="list-style-type: none"> Organized and filed legislation for daily legislative session Maintained presentable appearance for interaction with Senators, staff, & public 	Jan. 2012 – Feb. 2012	
Leadership	Chapter President – Phi Delta Theta Fraternity <ul style="list-style-type: none"> Managed external relations with the University, community, and Fraternity Headquarters Supervised other student officers in the Fraternity Peer leader for 60+ undergraduates living on and off UI campus 	2014 – 2015	
	Boy Scouts of America <ul style="list-style-type: none"> Attained Eagle Scout Rank in March 2010 Served as Senior Patrol Leader for one year 	2007 – 2012	
Volunteer Work	Chairman – 57th Annual Turtle Derby <ul style="list-style-type: none"> Oversaw largest Philanthropy Event on UI campus Coordinated students, members of the community and businesses for philanthropy Created awareness and support for ALS (Lou Gehrig’s Disease) during a weeklong event Donated over \$3000 from event to support ALS research Achieved record high attendance for the event 	Apr. 2014	
	Eagle Scout Project – Boy Scouts of America <ul style="list-style-type: none"> Led approx. 25 workers in clearing puncture vine on cycling paths Constructed shelving to hold recycling bins communicated with various representatives to organize project Accomplished 196 total service hours by group 	Aug. 2009	