

Brian T. Halle

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OBJECTIVE	Obtain a stimulating, challenging position in nuclear systems PRA or safety analysis.		
EDUCATION	Oregon State University Major: Masters of Science in Nuclear Engineering GPA: 3.88/4.0 Exp. Grad. Date – May 2013	Frostburg State University, Frostburg, MD Major: Physics Minors: Mathematics, Computer Science GPA: 3.97/4.0 Graduated – May 21, 2011	
RELEVANT COURSES	Reliability Engineering and Reactor Safety, Heat Transfer and Fluids applied to Nuclear Systems, Plasma Physics & Fusion Technology, Applied Computational Fluid Dynamics, Applied Programming, Mathematical Modeling, Neutronics, Systems Design		
SKILLS	<ul style="list-style-type: none">RELAP5 Mod 3.3 w/ SNAPC++, VBA, and JAVASensitivity Analysis and Uncertainty QuantificationCommercial Passive Nuclear Systems (AP1000)SAPHIRE, MELCOREDAKOTA/R-code/WIN-BUGSCASMO, SIMULATE & MCNPTechnical WritingBayesian StatisticsLean-6 Certified G.B.Team LeaderExceptionally focusedAnalytical Research		
ACTIVITIES	<p>2008 - 2010 Department of Physics & Engineering Club – Secretary/Web Designer Project – Near-Space Balloon (Electrical Design leader) Local Relay for Life Participant – Annually Raise ~\$60,000 School-wide</p> <p>2009 - 2011 Inducted member of Phi Eta Sigma – Freshman Honor Society Inducted member of Kappa Mu Epsilon – National Mathematics Honor Society Inducted member of Sigma Pi Sigma – National Physics Honor Society</p> <p>2010 - 2011 Physics Session Presentations (Frostburg, MD) – Majoring in the Physical Sciences: Presentation and Q/A session for freshmen physics students – The Grad Shafranov Equation and Green’s Function of Magnetostatics</p>		
PROFESSIONAL SOCIETIES	<p>2012 – American Nuclear Society (Las Vegas, NV) – Primary Presenter</p> <p>2012 – American Nuclear Society Annual Winter Symposium (San Diego, CA) – Primary Presenter</p>		
WORK EXPERIENCE	<p>2007 - 2010 Martins – Organic Foods Specialist</p> <p>2008 Willetts Systems and Web Applications – Internship</p> <p>2008 Frostburg State University Physics Department – Internship</p> <p>2009 - 2010 Frostburg State University – Maryland C.R.L.A. Certified Tutor</p> <p>2010 NewPage Coated & Specialty Papers - Computer Engineering Internship</p> <p>2011 - 2012 GE Transportation – Infrastructure Engineering Co-op & Intern</p> <p>2011 - Present Graduate Research Assistant – Feed-and-Bleed Transient Analysis of OSU APEX Facility using the Modern Code Scaling, Applicability, and Uncertainty Method</p> <p>2012 - Present NuScale Power – PRA and Nuclear Safety Analysis Engineering Intern</p>		
INTERESTS	Mountain Biking, Skiing, Running, Exploring the outdoors, Traveling, Reading, Fashion, Fine Coffee, Organic Agriculture, and Learning.		