

# Saumya Gupta

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<b>OBJECTIVE</b>	Chemical engineer with a comprehensive knowledge of semiconductors, nanoparticles, and LEAN Six Sigma methodology. Exceptional problem-solving skills & ability to deal with big data. Effective at oral & written technical & non-technical communication. Seeking late-summer or fall employment.	
<b>EDUCATION</b>	<i>Bachelor of Science in Chemical Engineering</i> Arizona State University - Tempe, AZ Barrett, the Honors College	Exp: 05.2017 GPA: 3.7
<b>PROFESSIONAL EXPERIENCE</b>	<i>Research Associate</i> Luminosity Lab Knowledge Enterprise Development - Tempe, AZ <ul style="list-style-type: none"><li>• Direct the ASU EmergenTech Hackathon</li><li>• Collaborate with local industry</li></ul>	08.2016 to Present
	<i>Honors Research Associate</i> Molecular & Nanoscale Bioengineering Lab Chemical Engineering Department - Tempe, AZ <ul style="list-style-type: none"><li>• Investigate gold-nanoparticle formation</li><li>• Apply research towards cancer treatment solutions</li></ul>	01.2015 to Present
	<i>Research Fellow</i> National Institute of Standards & Technology (NIST) Physical Measurement Division - Boulder, CO <ul style="list-style-type: none"><li>• Developed circuitry for military medical devices</li><li>• Conducted 3<sup>4</sup> full factorial Design of Experiment (DoE)</li></ul>	05.2014 to 08.2014
<b>COMMUNITY SERVICE</b>	<i>Logistics Officer</i> - American Institute of Chemical Engineers <i>Board Representative</i> - University Hearing Board <i>Parliamentarian</i> - Undergraduate Student Government <i>Volunteer</i> - Engineering Projects in Comm. Service (EPICS) <i>Volunteer</i> - Mayo Clinic of Arizona	08.2015 to Present 08.2014 to Present 08.2013 to 08.2015 08.2013 to 05.2015 08.2011 to 05.2013
<b>SKILLS &amp; SAFETY</b>	LEAN Six Sigma Green-Belt Equivalent Safety and Chemical Engineering Education Certified: <ul style="list-style-type: none"><li>• SChE Runaway Reactions &amp; Risk Management</li><li>• SChE Chemical Reactivity &amp; Dust Explosion Control</li><li>• SChE Process &amp; Nitrogen Safety</li></ul>	
<b>SOFTWARE</b>	Standard Knowledge: <i>JMP, L<sup>A</sup>T<sub>E</sub>X</i> Advanced Knowledge: <i>ChemCAD, MATLAB, Microsoft Office</i>	
<b>AWARDS &amp; HONORS</b>	Benjamin A. Gilman International Scholar Tau Beta Pi Honors Engineering Record Scholar Mayo Clinic Honors College Pre-Medical Scholar National Academy of Engineering Grand Challenge Scholar International Baccalaureate Scholar Dr. Martin Luther King Jr. Community Scholar Varsity Cross Country, Track & Field, and Wrestling Athlete Citizen of the United States of America	02.2017 09.2016 05.2015 08.2013 08.2013 05.2013 05.2013 12.2007