

Saumya Gupta

611 W 13th St.
Tempe, AZ 85281
(480) 290-9390

Linkedin.com/in/SaumyaG8
Saumya.Gupta@ASU.edu
Saumya-Gupta.com

OBJECTIVE	Chemical engineer with a comprehensive knowledge of semiconductors, nanoparticles, and Lean/Six Sigma methodology. Excellent problem-solving skills & ability to deal with big data. Effective at technical & non-technical communication.	
EDUCATION	<i>Bachelor of Science in Chemical Engineering</i> Arizona State University - Tempe, AZ Barrett, the Honors College	05.2017 GPA: 3.7
PROFESSIONAL EXPERIENCE	<i>Process Engineer</i> Intel Corporation <ul style="list-style-type: none">Deliver effective reliability models based on ROICombine engineering with management responsibilities <i>Associate</i> Office of Knowledge Enterprise Development - ASU <ul style="list-style-type: none">Planned and executed the ASU EmergenTech HackathonCollaborated with local industry leaders <i>Honors Research Associate</i> Molecular & Nanoscale Bioengineering Lab - ASU <ul style="list-style-type: none">Investigated gold-nanoparticle formationApplied research towards cancer treatment solutions <i>Research Fellow</i> National Institute of Standards & Technology - NIST Boulder <ul style="list-style-type: none">Developed circuitry for military medical imaging devicesConducted 3⁴ full factorial Design of Experiment (DoE)	06.2017 to Present 08.2016 to 05.2017 01.2015 to 04.2017 05.2014 to 08.2014
COMMUNITY SERVICE	<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 05.2017 08.2014 to 05.2017 08.2013 to 08.2015 08.2013 to 05.2015 08.2011 to 05.2013
SKILLS & SAFETY	Lean/Six Sigma Green-Belt Equivalent Safety and Chemical Engineering Education Certified: <ul style="list-style-type: none">SACHE Runaway Reactions & Risk ManagementSACHE Chemical Reactivity & Dust Explosion ControlSACHE Process & Nitrogen Safety	
SOFTWARE	Standard Knowledge: <i>JMP, L^AT_EX</i> Advanced Knowledge: <i>ChemCAD, MATLAB, Microsoft Office</i>	
AWARDS & HONORS	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	09.2016 05.2015 08.2013 08.2013 05.2013 05.2013 12.2007