

Shreyas Gatuku

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Education

Carnegie Mellon University , Pittsburgh, PA	
Bachelor of Science in Electrical and Computer Engineering	2015 – 2019
Bachelor of Science in Robotics	
GPA: 3.65	
Briar Woods High School , Ashburn, VA	
Advanced Studies High School Diploma with Honors, 4.46/4.00 GPA, Class Rank – 18	2011 - 2015
National AP Scholar, National Honors Society, National Merit Scholar	
Loudoun County Academy of Science , Sterling, VA	
Gifted Program for Math, Science, and Research	2011- 2015
University of Illinois Dual Enrollment Multivariable Calculus Credit	

Experience

Hwa Chong Institute International Research Collaboration , Singapore	2013-2014
<i>Research Intern</i>	
<ul style="list-style-type: none">Studied the Improvement of the Power Efficiency of the Savonius Vertical Axis Wind Turbine with Parabolic Blade Geometries2nd place in Hwa Chong Research Fair, 1st place in Academy of Science Research Fair	
Virginia Governor School for Math, Science, and Technology , Lynchburg, VA	Summer 2014
<i>Student / Representative from County</i>	
<ul style="list-style-type: none">Studied Intro to Circuitry and Intro to Programming	
Lego STEM Academy , Ashburn, VA	Summer 2013, 2014
<i>Co-Founder and Instructor for Robotics and Aeronautical Engineering</i>	
<ul style="list-style-type: none">Started local summer camp to inspire STEM in middle school and elementary school students through hands on projects	

Activities

Carnegie Mellon Solar Racing , Pittsburgh, PA	2015-2016
<ul style="list-style-type: none">Work on electrical and mechanical systems of a solar powered boat for boat racing competitions	
Carnegie Mellon Sahara , Pittsburgh, PA	2015-2016
<i>Public Relations Officer, Dancer</i>	
<ul style="list-style-type: none">Bollywood fusion dance team	
FIRST Robotics Competition , Leesburg, VA	2013-2015
<i>Member and Competitor (Lead Designer, Electrical Engineer, Mechanical Engineer, Driver)</i>	
<ul style="list-style-type: none">1st place Rookie Inspire AwardCompeted in World's Championship St. Louis	
FIRST Tech Challenge , Ashburn, VA	2011-2015
<i>Member and Competitor (Electrical Engineer, Mechanical Engineer, Driver)</i>	
<ul style="list-style-type: none">Competed in State Competition 4 years and Super-Regional Competition 1 year	
Technology Student Association , Ashburn, VA	2013-2015
<i>President, Vice-President for School Chapter</i>	
<ul style="list-style-type: none">Managed membership, competition registrations, and fundraiser/outreach eventsServed as liaison for school club planning	

Skills

CAD Design (AutoDesk, Creo, TinkerCad), Java, python, HTML-CSS-JavaScript, android