

Rohan Varshney

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Education

Georgia Institute of Technology , Atlanta, GA	<i>August 2017 - May 2020 (Expected)</i>
<ul style="list-style-type: none">• Candidate for Bachelor of Science in Computer Science• GPA 3.69/4.0, Honors Program	
Stanton College Preparatory School , Jacksonville, FL	<i>May 2017</i>
<ul style="list-style-type: none">• GPA 4.91/5.0 (Top 10), SAT 2300, ACT 35, 17 AP Exams• National Merit Finalist, National AP Scholar, International Baccalaureate	

Experience

Raytheon, Software Engineering Internship , Indianapolis, IN	<i>Summer 2018</i>
FIRST Robotics, Shop Technician & Invento , Jacksonville, FL	<i>August 2013 - April 2017</i>
<ul style="list-style-type: none">• Gained proficiency with workshop tools to provide the mechanical input behind constructing an autonomous robot while also creating 3D models of our robot using SolidWorks for testing purposes	

Skills

Programming:	Java, C#, HTML & CSS, Python, JavaScript, Basic
Concepts:	Object-oriented programming, Data structures, web design, CAD
Organizations:	NMSC Scholar Community, CSX Corporate Citizenship, Xtern
Clubs:	GT Ramblin' Raas

Research

Solar Decathlon - Vertically Integrated Projects , Atlanta, GA	<i>August 2017 - December 2017</i>
<ul style="list-style-type: none">• A multidisciplinary design project among collegiate teams to build solar-powered houses, incorporating IoT with electrical engineering, design, and materials science	
Automated Algorithms Design - Vertically Integrated Projects , Atlanta, GA	<i>January 2018 - April 2018</i>
<ul style="list-style-type: none">• Designing machine learning, genetic, & hybrid algorithms to improve algorithm and optimization methods	

Projects

Georgia Tech RoboJackets, RoboCup , Atlanta, GA	<i>August 2017 - April 2018</i>
<ul style="list-style-type: none">• Used Python to program a team of six mini autonomous robots to compete in soccer through collaboration between the mechanical, software, and electrical sub-teams	
Food Compass, Indy Civic Hackathon , Indianapolis, IN	<i>June 2018</i>
<ul style="list-style-type: none">• Developed a static web application utilizing JavaScript and Java to provide a possible resource solution to the food insecurity problem that afflicts Marion County	

Leadership

Astronaut Challenge, Team Founder , Cape Canaveral, FL	<i>September 2015 - February 2017</i>
<ul style="list-style-type: none">• Qualified two years to compete at the John F. Kennedy Space Center, only one of 15 teams in Florida• Included Simulator, Presentation, and Engineering Challenges	
Marketing and Communications Committee , Atlanta, GA	<i>August 2017 - December 2017</i>
<ul style="list-style-type: none">• Responsible for the brand management, graphic design, and marketing techniques for the Georgia Tech Student Foundation	

Courses

Machine Learning A-Z: Hands-On Python & R in Data Science , Udemy	<i>Completed August 2018</i>
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