

# Julia Di

1900 Lerner Hall, NYC, NY 10027, USA  
jd3171@columbia.edu • (301)906-6221 • <https://github.com/JuliaDi/>

EDUCATION	<b>Columbia University</b> , New York City, NY, USA Bachelor of Science in Electrical Engineering, Computer Science minor Aug 2014 – May 2018 Cumulative GPA: 3.66 / 4.0
	<b>Richard Montgomery High School</b> , Rockville, Maryland, USA International Baccalaureate Diploma Aug 2010 – Jun 2014 Cumulative GPA: 3.92 / 4.0
PROJECTS	<b>Knickerbocker Motorsports</b> , New York City, New York, USA Board member, Body Sub-Team Sep 2014 – present Design and test racecar body through SolidWorks, and Rhino. CNC-machine molds and perform carbon fiber wet lay-up to manufacture body.
	<b>Richard Montgomery Robotics Team</b> , Rockville, Maryland, USA Mechanical Design & Product Design Oct 2011 – Jun 2014 Built three robots over the course of three years according to the FIRST Tech Challenge. Designed in CAD software and built using CNC, 3-D printers, and metal channel.
RESEARCH EXPERIENCE	<b>Columbia Laboratory for Unconventional Electronics</b> , Columbia University Undergraduate Research Student, Science Department Jan 2015 – present Project: Integrating FBAR and semiconductors Supervisors: Professor Ioannis (John) Kymissis and Hassan Edrees Research areas: thin film electronics, acoustic resonators, microfabrication.
PUBLICATIONS	1) J. Di, “The Satellite Assessment of Impact of the 2012 Great Drought on Corn Growth in the US Corn Belt,” in <i>Proceedings of the International AgroGeoinformatics Conference</i> , Fairfax, VA, Aug 2013.
ACADEMIC HONORS & AWARDS	Dean’s List, Columbia University 2014 – present For attaining a semester GPA of at least 3.5.
	Emerging Scholar Program, Columbia University Sep 2014 A seminar program for selected students in computer science.
	Res. Inc., Program, Columbia University Sep 2014 – May 2015 An application-based student entrepreneurship incubator.
	Raytheon Robotics Scholarship, Raytheon Company Aug 2014 \$1,000 scholarship for outstanding participants in FIRST robotics.
	Orbital Sciences Full Scholarship, Orbital Sciences May 2014 \$6,000 scholarship for outstanding engineering students. Awarded to only 5 other students.
OTHER HONORS & AWARDS	Gold Key, Scholastic Arts and Writing Competition Jan 2013, Jan 2014 The nation’s most prestigious pre-collegiate art and writing competition, with 200,000 pieces submitted.
	2nd Inspire Award, FIRST Robotics World Championships Apr 2014 Given to the second best all-around team at the world championships.
LANGUAGES	English: Native language. Spanish: Intermediate (speaking, reading, writing). Mandarin: Intermediate (speaking); basic (reading, writing).
COMPUTER SKILLS	LaTeX, MATLAB, Python, Java, HTML, CSS, Autodesk Inventor, SolidWorks, Rhino, PTC Creo Adobe Photoshop, Adobe InDesign, Sony Vegas Pro.
INTERESTS	Visual arts, photography, creative writing, engineerig cool stuff, reverse-engineering cool stuff.