

Julia Di

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EDUCATION	Columbia University , New York City, NY, USA Bachelor of Science in Electrical Engineering, Computer Science minor Cumulative GPA: 3.66 / 4.0 Aug 2014 – May 2018
	Richard Montgomery High School , Rockville, Maryland, USA International Baccalaureate Diploma Cumulative GPA: 3.92 / 4.0 Aug 2010 – Jun 2014
PROJECTS	Knickerbocker Motorsports , New York City, New York, USA Board member, Body Sub-Team Design and test racecar body through SolidWorks, and Rhino. CNC-machine molds and perform carbon fiber wet lay-up to manufacture body. Sep 2014 – present
	Richard Montgomery Robotics Team , Rockville, Maryland, USA Mechanical Design & Product Design 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. Programmed in Robot C. Oct 2011 – Jun 2014
RESEARCH EXPERIENCE	Columbia Laboratory for Unconventional Electronics , Columbia University Undergraduate Research Student, Science Department Project: Integrating FBAR and semiconductors Supervisors: Professor Ioannis (John) Kymissis and Hassan Edrees Research areas: thin film electronics, acoustic resonators, microfabrication. Jan 2015 – present
PUBLICATIONS	1) <u>J. Di</u> , “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 For attaining a semester GPA of at least 3.5. 2014 – present
	Emerging Scholar Program, Columbia University A seminar program for selected students in introductory computer science. Sep 2014
	Res. Inc., Program, Columbia University An application-based student entrepreneurship residential incubator. Sep 2014 – May 2015
	Raytheon Robotics Scholarship, Raytheon Company \$1,000 scholarship for outstanding participants in FIRST robotics. Aug 2014
	Orbital Sciences Full Scholarship, Orbital Sciences \$6,000 scholarship for outstanding engineering students. Awarded to only 5 other students. May 2014
	National AP Scholar, College Board Awarded for scoring 4 or 5 on AP BC Calculus, AP Biology, AP Chemistry, AP Physics Mechanics, AP Physics E&M, AP Statistics, AP Environmental Science, AP Computer Science, and AP Spanish Language. May 2013
OTHER HONORS & AWARDS	Gold Key, Scholastic Arts and Writing Competition The nation’s most prestigious pre-collegiate art and writing competition, with 200,000 pieces submitted. Jan 2013, Jan 2014
	2nd Inspire Award, FIRST Robotics World Championships Given to the second best all-around team at the world championships. Apr 2014
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.