

SONIA SEN

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Education	CORNELL TECH AT CORNELL UNIVERSITY Master of Science in Information Systems in Health Tech, Julis Fellow <i>May 2017</i>	New York, NY
	UNIVERSITY OF ARIZONA, HONORS COLLEGE Bachelor of Science, Computer Science, December 2014 Graduated <i>cum laude</i> and with Honors, Minors in Spanish & Geography, Wildcat Excellence Scholarship full tuition 2010 - 2014	Tucson, AZ
Experience	GENOA, A QOL HEALTHCARE COMPANY, TELEPSYCHIATRY <i>Summer Technical Product Manager</i> Worked as lead Technical PM on EMR integration connecting clinic behavioral health EMRs to the web-based EMR via HL7-JSON translation and mapping. Developed spec with engineers, interfaced with clinic and physician customers to address major productivity loss for clients and enhance product offering.	New York, NY
Sum. 2016		
	ORBITAL ATK, SATELLITE MANUFACTURING FACILITY <i>Ground Software Engineering Intern</i> Collaborated with international customers in data delivery, built tools, and controlled data management for Iridium NEXT satellite constellation of 81 spacecrafts, set for launch late 2016.	Gilbert, AZ
Sum. 2015		
	ARIZONA NASA SPACE GRANT <i>School of Geography and Development Intern Advisor</i> Conducted climate and epidemiology research; funded by AZ NASA Space Grant for 2 years, mentored 50+ interns, presented at 2 Statewide Symposiums.	Tucson, AZ
2010-2014		
	NASA ARMSTRONG FLIGHT RESEARCH CENTER <i>Student Airborne Research Program Intern</i> Developed a LiDAR-based solar irradiation model and presented findings to NASA officials.	Irvine, CA
Sum. 2014		
	THE CLINTON FOUNDATION <i>Clinton Health Matters Initiative Intern</i> Researched technologies to solve health issues facing Americans; solutions involved hosting healthy Codeathons, campus drug abuse prevention, and research into health outcomes from wearable technology.	New York, NY
Fall 2013		
	THE BOEING COMPANY, SPACE & INTELLIGENCE SYSTEMS <i>Software Engineering Intern</i> Expanded functionality of Dynamic Satellite Simulator TCP/IP connection used for procedural validation and operations training for the SES-9 telecom satellite, launched March 2016.	El Segundo, CA
Sum. 2013		
	THE BOEING COMPANY, FLIGHT OPERATIONS & ENGINEERING <i>Flight Software Engineering Intern</i> Acted as project manager and developer on Boeing's first revenue-generating iPad app, IQRH, for pilots.	Renton, WA
Sum. 2012		
Technical Skills	Java, Python, C, Objective-C, NI LabVIEW, Perl, Unix, HTML, MySQL ArcGIS, Matlab, Stella, WordPress, Gimp (Photoshop), Inkscape (Illustrator)	
Awards/Activities	<ul style="list-style-type: none">Cornell Health Tech Hackathon, 2016, New York, NY, <i>Honorable Mention, "Argot"</i>Cornell Hackathon Big Red Hacks 2015, Ithaca, NY, <i>Top 10 Finalist, "GovMatters"</i>Uddami Computer Training Centre, 2015, Kolkata, WB, India, <i>Volunteer English Teacher</i>Play guitar, mandolin, and Saraswati veena.1st degree Black Belt in Tae Kwon Do; won numerous tournaments in Kata and Sparring.	