HARSHA VISWANATHAN

505 W 37th Street, Apt #4I, NY, NY
858-395-4279 hv76@cornell.edu

Education	**CORNELL TECH AT CORNELL UNIVERSITY**	**New York, NY**
	Master of Engineering in Computer Science, May 2016	
	UNIVERSITY OF CALIFORNIA, SAN DIEGO	**San Diego, CA**
	B.S. Computer Science with a Specialization in Bioinformatics, June 2013	

Experience

2013-2015 **EMMES CORPORATION**   **Rockville, MD**

Programmer/Analyst

Developed and maintained data collection websites for government funded clinical trials

- Worked with cross-discipline teams to build and manage products
- Was responsible for server-side and client-side website programming, large scale database handling, software testing and data verification
- Programmed in Java, JSP, SQL, JavaScript, XML, FoxPro, basic SAS

2012-2013 **UC SAN DIEGO MEDICAL SCHOOL, STEIN CLINICAL RESEARCH CENTER**   **San Diego, CA**

Bioinformatics Intern

- Coded in Python using Linux system and Eclipse to read and use databases
- Built and maintained lab website using CSS, HTML, and JavaScript (http://crtm.ucsd.edu)
- Mapped metabolites, genes, enzymes and reactions using Cytoscape
- Managed/analyzed clinical and lab data using REDCap and Freezerworks

Skills

Programming: Java, JSP, Python, JavaScript, XML, C++, HTML, C, Matlab, CSS, PHP, Objective-C, Swift **Databases**: SQL, mySQL, FoxPro, mongoDB
Circuits: Analog design, Verilog, Project Navigator
Software, Systems, and Environments: Linux and Windows environments, Arduino Fio, AWS, Xcode, iPython Notebook, TensorFlow
Languages: English, Tamil, proficient in Spanish
Business Courses: Design Thinking, Business for Tech, Product Management

Projects and Awards/ Personal

- **Ensemble** – Built a fashion tech app and startup company as part of a Startup Studio course at Cornell Tech. Tackled the product from a business and technical perspective, December 2015 – present   **New York, NY**
- **Tech Crunch Disrupt NYC Hackathon** – Built LEX, an smart and customizable email client, May 2016   **New York, NY**
- **IDEO Design Thinking Trek** – completed design thinking project for IDEO in conjunction with Stanford's Design School and Cornell University   **New York, NY + San Francisco, CA**
- **Cornell Health Tech Hackathon** 2nd place winner, 3/5/2016   **New York, NY**
- **Company Challenge Team** – worked on a semester long project with AiCure to develop an iOS app for increasing medical adherence   **New York, NY**
- **Vice President** UCSD Project RISHI 2011-2012, Member 2009-2011   **San Diego, CA**
- **Clinton Global Initiative University** April 2011 http://www.sandiegouniontribune.com/news/2011/apr/03/bill-clinton-joins-students-san-diego-helping-othe/   **San Diego, CA**
- **Volunteer** MEDLIFE global outreach program, December 2011   **Cuzco, Peru**
  Team Member UCSD Sitaare competitive a capella team 2009-2013, won 3rd place with solo at Anahat 2011, UC Berkeley, iTunes CD Sept 2012   **San Diego, CA**
- **Aaron Price Fellow** Scholarship and lifelong membership in prestigious civic and community service organization, 2005-present
- **Performer** Classical Indian Vocal Music (Carnatic) 2000 - present   **San Diego, CA**