Manisha Gupta
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EDUCATION

University of Texas at Austin August 2016 – May 2019
Bachelor of Science in Computer Science

Texas Academy of Mathematics and Science August 2014 – May 2016
At University of North Texas
High School
GPA: 3.74

EXPERIENCE

Where's that Song?, Founder & Programmer August 2016
In progress
- Supplements Shazam© to determine what movies or TV show episodes a particular song has appeared in
- Implemented through Java

Revolution, Co-Founder & Programmer April 2016
HackDFW 2016
- Created a human powered treadmill/walking desk that generates electricity
- Implemented through Arduino and Python
- Accepted at iStart Valley

Fresh and Mean Green, Co-founder July 2015 – May 2016
http://friendsoffreshandgreen.com/, Texas Academy of Mathematics and Science
- Chapter of a non-profit organization at University of North Texas
- Events raised money to provide an education and three meals per day for students in Ethiopia

Business Organization, Vice President April 2015 – May 2016
Texas Academy of Mathematics and Science
- Host guest speakers to explain the intertwinement of business in STEM fields
- Compete in collegiate-level DECA

Seal Breaker, Programmer February 2015
HackDFW 2015
- Mobile application that predicts the optimal time to leave a live basketball game without missing critical plays
- Implemented through HTML5/CSS, Cordova, JavaScript, Mashery API

EverCare Medical, Chief Community Officer October 2014 – August 2015
http://www.evercaremedical.org/, Texas Academy of Mathematics and Science
- Non-profit organization at University of North Texas
- Host tabling events and a soccer tournament to send medical supplies to hospitals in Venezuela

RESEARCH

Center for Research in Computer Vision, Summer Intern May 2016 – August 2016
Prof. Ali Borji, University of Central Florida
- Research Experience for Undergraduates program
- Researched how to predict visual search targets in open and closed-world settings from eye-tracking data
- Calculated euclidean distances using a pre-trained siamese convolutional neural network model and extracted HOG/Gist/SIFT features to train a binary support vector machine
- Implemented through MATLAB, Torch + Lua, and Python in Ubuntu

Center for Network Neuroscience, Undergraduate Researcher January 2015 – October 2015
Dr. Guenter W. Gross, University of North Texas
- Analyzed action potential from mammalian cell networks recorded via multichannel monitors
- Developed Gaussian curves for leader/follower bursts of neural networks
- Awarded TAMS Summer Research Scholarship
- Implemented through MATLAB and Python

SKILLS

- Programming: Python, HTML, CSS, Lua
- Software: MATLAB, LaTeX, Prezi Cloud Presentations, Torch, LilyPond
- Languages: English, Hindi (fluent), Spanish (proficient)

ON THE SIDE

- Dancer on UT Jazba (Bollywood Fusion)
- Movie Maniac (bit.ly/moviesofmani)
- Kathak (Indian Classical Dance), Lead Dancer
- Calligraphist
- Ukelelist