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## EDUCATION

2016 - 2020	<b>CORNELL UNIVERSITY</b> , College of Engineering • B.S in Computer Science, GPA 3.2 • <i>Previous Coursework</i> : Honors Data Structures (CS 2112), Unix Tools and Scripting (CS 2043), Digital Logic and Computer Organization (ECE 2300), Discrete Structures (CS 2800)	Ithaca, NY
Summer 2014	<b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b> , Verizon App Challenge • Implemented environmentally sustainable application. Instructor: Josh Sheldon. • Created iOS Version using Swift, Android version using MIT's AppInventor.	Boston, MA
2014 – 2016	<b>TEXAS ACADEMY OF MATH &amp; SCIENCE</b> , University of North Texas • Selective state-wide program for high school students to attend college, GPA 4.0 • Recipient of the 2014 TAMS Annual Research Scholarship	Denton, TX

## SKILLS

Java, JavaScript, Python, Git, SQL, Android, iOS

## EXPERIENCE

Summer 2016	<b>FUNCTION OF BEAUTY (YC W16)</b> <i>Software Engineering Intern</i> • Created Platform for iPad kiosk using A/B testing and Apache Cordova, used at YC W16 Demo Day. • Implemented a PHP/MySQL server for account management and referral handling, wrote front-end code for upcoming seasonal promotions. • Worked directly with the CEO to maximize conversion rates and minimize the duration of placing an order.	Stamford, CT
Summer 2015	<b>THE ARGAN TREE</b> <i>Business Analyst Intern</i> • Created a cost-benefit analysis report for expansion to other areas of Morocco and presented findings to the company leadership. • Developed responsive mobile website and cross-platform application.	The Colony, TX
Summer 2014	<b>BROSTOW LABORATORY</b> <i>Research Intern</i> • Participated in computational materials science research under Dr. Witold Brostow at the University of North Texas. • Published two papers focusing on computational simulation of polymer indentation and wear. • Presented at the 2015 World Forum on Advanced Materials.	Denton, TX

## PROJECT EXPERIENCE

2016 - Present	<b>CUAIR – AERIAL ROBOTICS PROJECT TEAM</b> <i>Distributed Systems Developer</i> • Building ground station web app in Java using the Play framework and PostgreSQL • The web app communicates with our autonomous aircraft and front-end client to collect and associate telemetry data, images, target sightings, camera settings, and other data. • Won 2 <sup>nd</sup> place out of 30 teams in the international AUVSI SUAS reconnaissance competition in 2016.	Ithaca, NY
Fall 2016	<b>ENCORE.AI – HACKMIT'S BEST MACHINE LEARNING HACK</b> • Music hack that uses an LSTM neural network to generate lyrics from your favorite artist. • Wrote NodeJS and React code to parse data from the neural network and display on the front-end.	Boston, MA
Fall 2016	<b>MEDIBOT – PENNAPPS BEST EMBEDDED SYSTEMS HACK</b> • Built autonomous hospital delivery bot that is controlled through Amazon Echo. • Assembled and wrote Arduino code to handle HTTP requests sent from the Echo.	Philadelphia, PA

## ACTIVITIES/INTERESTS Cornell Bhangra, Eagle Scout, Basketball