
EDUCATION

2016 - 2020	CORNELL UNIVERSITY , College of Engineering • B.S in Computer Science, GPA 3.9 • <i>Current Coursework</i> : Honors Data Structures (CS 2112), Computer System Organization (CS 3410), Discrete Structures (CS 2800)	Ithaca, NY
Summer 2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY , 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	TEXAS ACADEMY OF MATH & SCIENCE , University of North Texas • Selective state-wide program for high school students to attend college, GPA 4.0 • Published two papers on computational materials science as a recipient of Research Scholarship. Mentor: Dr. Witold Brostow.	Denton, TX

SKILLS

Java, JavaScript, Git, SQL, Android, iOS

EXPERIENCE

Summer 2015	FUNCTION OF BEAUTY (YC W16) <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 2014	THE ARGAN TREE <i>Software Engineering Intern</i> • Conducted a cost-benefit analysis report for expansion to other areas of Morocco using statistical analysis of consumer data. • Developed responsive mobile website and cross-platform application.	Rabat, Morocco

PROJECT EXPERIENCE

2016 - Present	CUAIR – AERIAL ROBOTICS PROJECT TEAM <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 nd place out of 30 teams in the international AUVSI SUAS reconnaissance competition in 2016.	Ithaca, NY
Fall 2016	ENCORE.AI – HACKMIT'S BEST MACHINE LEARNING HACK • 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 front-end.	Boston, MA
Fall 2016	MEDIBOT – PENNAPPS BEST EMBEDDED SYSTEMS HACK • Built autonomous hospital delivery bot that is controlled through Amazon Echo. • Assembled and wrote Arduino code to parse and handle requests sent through the Echo.	Philadelphia, PA

ACTIVITIES/INTERESTS Cornell Bhangra, Cornell Undergraduate Research Board, Eagle Scout