BISHESH KHADKA

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EDUCATION

Massachusetts Institute of Technology *June 2018*
B.S. Candidate in Electrical Engineering & Computer Science

6.046*	/	Algorithm Design	6.006	/	Algorithms
6.036*	/	Intro Machine Learning	6.004	/	Computation Structures
6.005*	/	Software Construction	6.042	/	Mathematics for Computer Science
6.01	/	Intro to EECS	6.050	/	Information, Entropy, and Computation
8.223	/	Lagrangian/Hamiltonian Mechanics	14.01	/	Microeconomics
8.03	/	Mechanical Vibrations and Waves			

* = current coursework

WORK

NVIDIA Summer 2015
Software Engineer Intern *Santa Clara, CA*

- Designed and built automation tools using Python and ADB for bandwidth estimating, and testing WiFi and BT on Android clients.
- Visualized and analyzed large data extracted from Mobile devices using NumPy and matplotlib

Hadron Industries January 2016
Software Engineer Intern *Cambridge, MA*

- Developed a 3-D Geometry based framework for monitor displays using WebGL/JavaScript
- Prototyped a gesture-control based UI to interface with the 3-D framework

Fermi National Accelerator Laboratory Summer 2013
Software/Education Intern *Batavia, IL*

- Researched and designed a multi-sensored, remotely operational Mars Rover model following educational model of NextGenScienceStandards.
- Interfaced external sensors via LabVIEW to display live data and video on a GUI .

LEADERSHIP

StartLabs September 2014 - Present
Current: Director of Partner Relations/Webmaster; Previous: Career Fair *MIT*

- Director: Lead and manage StartLab's relations with sponsors and partners at MIT's leading student entrepreneurship group
- Webmaster: Remodeling website from last year's design
- Previous: Contact rapidly growing businesses to partake in upcoming career fairs.

Adler Planetarium June 2012 - December 2013
Project Engineer Intern *Chicago, IL*

- Engineered and managed experiments to send as payload on Space Balloons.
- Coded Arduino devices for space balloons such as Microbial Capture Device, and High Altitude Solenoid.

TECHNICAL STRENGTHS

Python, Java, JavaScript, ADB, C, HTML/CSS, Django, LabVIEW, WireShark, LaTeX