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	/	Machine Learning	6.004	/	Computation Structures
6.005	/	Software Construction	6.042	/	Mathematics for Computer Science
6.01	/	EECS Lab	6.050	/	Information, Entropy, and Computation
8.223	/	Lagrangian/Hamiltonian Mechanics	14.01	/	Microeconomics
8.03	/	Mechanical Vibrations and Waves			

TECHNICAL EXPERIENCE

NVIDIA   Current
Software Engineer Intern   *Santa Clara, CA*

· Researching and simulating protocol enhancements in OSI layers for client-side optimizations
· Built and deployed command-line based test system for Android connectivity in Python
· Creating a full stack webtool for bug report parsing with Django, Apache, SQL.

MIT Media Lab: StreetScore   February - June 2016
Undergraduate Researcher   *MIT*

· Optimized data pipeline for map-based training data in MATLAB

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

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

LEADERSHIP

StartLabs   September 2014 - Present
Director of Partner Relations   *MIT*

· Director: Lead and manage StartLab's relations with sponsors and partners at MIT's leading student entrepreneurship group
· Previous: As webmaster, remodeling website from last year's design

The Tech Generation - New England Venture Capital Association   March 2016 - Present
Brand Manager   *Cambridge*

· Work with entrepreneurial and innovative MIT organizations to promote tech innovation

TECHNICAL STRENGTHS

Python · Java · JavaScript · MATLAB · C · SQL · Django· TCP/IP · LabVIEW · WireShark