BISHESH KHADKA

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EDUCATION

Massachusetts Institute of Technology   *2014-2018*
B.S. Candidate in Electrical Engineering & Computer Science

6.869	/	Computer Vision*	6.046	/	Algorithm Design
6.172	/	Performance Engineering*	6.005	/	Software Construction
6.829	/	Computer Networks*	6.036	/	Machine Learning
6.008	/	Inference*	6.006	/	Algorithms

* = current coursework

TECHNICAL EXPERIENCE

NVIDIA   Summer 2016
Software Engineer Intern   *Santa Clara, CA*

· Researched wireless protocol enhancements; simulated the client-side optimizations with C sockets
· Built and deployed command-line based test system for Android connectivity in Python
· Created 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 Google Maps based training data in MATLAB for the StreetScore project

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
Co-Director   *MIT*

· Lead and organize MIT's largest undergraduate entrepreneurship club
· Manage StartLab's network of Boston area startups and VCs to put on events such as startup treks and speakers series.

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

· Work with entrepreneurial MIT organizations to promote local tech innovation

TECHNICAL STRENGTHS

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