BISHESH KHADKA

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EDUCATION

Massachusetts Institute of Technology *2014-2018*

B.S. Candidate in Electrical Engineering & Computer Science

6.824	Distributed Systems	6.046	Design and Analysis of Algorithms
6.172	Performance Engineering	6.033	Computer Systems
6.819	Computer Vision	6.036	Introduction to Machine Learning
6.008	Introduction to Inference	6.005	Software Construction

TECHNICAL EXPERIENCE

eero Summer 2017
Software Engineer Intern *San Francisco, CA*

· Extend capabilities of client facing API responses in Scala.
· Develop stress testing platform for cloud services.

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

· Researched wireless protocol enhancements; simulated the client-side optimizations with C sockets.
· Deployed a command-line based test system for Android connectivity in Python as an infrastructure tool.
· Created a full-stack webtool for connectivity bug report parsing with Django & SQL.

MIT Media Lab: StreetScore Spring 2016
Undergraduate Researcher *MIT*

· Optimized data pipeline for Google Maps based training data in MATLAB for the StreetScore project.

Hadron Industries Winter 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 WiFi and Bluetooth statistics extracted from Mobile devices using NumPy and matplotlib.

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

· Researched and designed a multi-sensored, remotely operational Mars Rover model with Lego Mindstorms following for NextGenScienceStandards.
· Coded the model's movement and GUI to display live data and video in LabVIEW.

LEADERSHIP

StartLabs 2014 - 2016
Co-Director & Organizer *MIT*

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

SKILLS

C · **Python** · **Java** · **Go** · **Scala** · **Django** · **MATLAB** · **Javascript** · **SQL** · **TCP/IP** · **WireShark**