

BISHESH KHADKA

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EDUCATION

Massachusetts Institute of Technology

2014-2018

B.S. Candidate in Electrical Engineering & Computer Science

6.819	Computer Vision	6.046	Design and Analysis of Algorithms
6.172	Performance Engineering	6.005	Software Construction
6.829	Computer Networks	6.036	Intro to Machine Learning
6.008	Intro to Inference	6.006	Intro to Algorithms

TECHNICAL EXPERIENCE

NVIDIA

May - August 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

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

June - August 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

June - August 2013

Software/Education Intern

Batavia, IL

- Researched and designed a multi-sensored, remotely operational Mars Rover model following educational model of NextGenScienceStandards.
- Coded the model's movement and simple GUI to display live data and video in LabVIEW.

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