

# BISHESH KHADKA

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## EDUCATION

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**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
15.S09	Fintech Ventures	6.036	Intro to Machine Learning
6.008	Intro to Inference	6.006	Intro to Algorithms

## TECHNICAL EXPERIENCE

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**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 with Lego Mindstorms following for NextGenScienceStandards.
- Coded the model's movement and simple GUI to display live data and video in LabVIEW.

## LEADERSHIP

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**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

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