

# BISHESH KHADKA

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## EDUCATION

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**Massachusetts Institute of Technology**

*June 2018*

**B.S. Candidate in Electrical Engineering & Computer Science**

6.869	/	Computer Vision*	6.036	/	Machine Learning
6.172	/	Performance Engineering*	6.006	/	Algorithms
6.046	/	Algorithm Design	6.004	/	Computation Structures
6.005	/	Software Construction	8.223	/	Lagrangian/Hamiltonian Mechanics

\* = current coursework

## TECHNICAL EXPERIENCE

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**NVIDIA**

Current

*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

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**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 MIT organizations to promote local tech innovation

## TECHNICAL STRENGTHS

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