

# 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**

6.006	/	Algorithms	6.01	/	Intro to EECS
6.004	/	Computation Structures	6.050	/	Information, Entropy, and Computation
6.042	/	Mathematics for Computer Science	8.03	/	Mechanical Vibrations and Waves
8.223	/	Lagrangian/Hamiltonian Mechanics			
14.01	/	Microeconomics			

## WORK

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**NVIDIA**

Summer 2015

*Software Engineer*

*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

**Hadron Industries\***

January 2016

*Software Developer*

*Cambridge, MA*

- Developing a 3-D Geometry based framework for monitor displays using WebGL/JavaScript
- Prototyping a gesture-control based UI to interface with the 3-D framework
- \* = current employer

**Fermi National Accelerator Laboratory**

Summer 2013

*Education and Software Developer*

*Batavia, IL*

- Researched and designed a multi-sensored, remotely operational Mars Rover model following educational model of NextGenScienceStandards.
- Interfaced external sensors via LabVIEW to display live data and video on a GUI .

## LEADERSHIP

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**StartLabs**

September 2014 - Present

*Current: Director of Partner Relations/Webmaster; Previous: Career Fair*

*MIT*

- Director: Primary spokesperson with external sponsors and partners at MIT's leading student-entrepreneurship group
- Webmaster: Remodeling website from last year's design
- Previous: Contact rapidly growing businesses to partake in upcoming career fairs.

**Adler Planetarium**

June 2012 - December 2013

*Project Engineer*

*Chicago, IL*

- Engineered and managed experiments to send as payload on Space Balloons.
- Coded Arduino devices for space balloons such as Microbial Capture Device, and High Altitude Solenoid.

## TECHNICAL STRENGTHS

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Python, Java, JavaScript, ADB, C, Django, HTML/CSS, LabVIEW, WireShark,  $\text{\LaTeX}$