

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

May 2017 - August 2017

Software Engineer Intern

San Francisco, CA

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

NVIDIA

May 2016 - 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 2016 - 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 2015 - 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 2013 - 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 GUI to display live data and video in LabVIEW.

LEADERSHIP

StartLabs

2014 - 2016

Co-Director & Organizer

MIT

- Led 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