

BISHESH KHADKA

(708) · 646 · 3598

bkhadka@mit.edu

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	Intro to Machine Learning
6.008	Intro to Inference	6.005	Software Construction

TECHNICAL EXPERIENCE

eero

Summer 2017

Software Engineer Intern

San Francisco, CA

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

NVIDIA

Summer 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

Spring 2016

Undergraduate Researcher

MIT

- Optimized data pipeline for Google Maps based training data in MATLAB for the StreetScore project.

Hadron Industries

Winter 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 WiFi and Bluetooth statistics extracted from Mobile devices using NumPy and matplotlib.

Fermi National Accelerator Laboratory

Summer 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

- 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.

SKILLS

C · Python · Java · Go · Scala · Django · MATLAB · Javascript · SQL · TCP/IP · WireShark