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 May 2017 - August 2017
Software Engineer Intern *San Francisco, CA*

· Extending capabilities of client facing API responses in Scala
· Developing stress testing platform for cloud services using Postman

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 GUI to display live data and video in LabVIEW.

LEADERSHIP

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.

SKILLS

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