

BISHESH KHADKA

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EDUCATION

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

NVIDIA

Summer 2016

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

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

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