

Ishaan Parikh

parikh.i.m@gmail.com • iparikh.co • (240)-498-5209

experience & leadership

LendUp - Software Engineering Intern

San Francisco, CA • Summer 2016

- Developed the iOS and Android mobile apps using React Native
- Created the foundation for future mobile app devs on the product

CMSC389K - Co-Founder & Teaching Assistant

College Park, MD • Spring 2017

- Created 1 credit course (Full-stack Web Dev w/ Node.js) to introduce a modern technology to computer science students
- Developed all materials (projects, lecture slides, etc.) for course
- Spearheaded push for progressive education through student-taught courses at the University of Maryland

Autonomy, Robotics, Cognition Lab - Research Assistant

College Park, MD • Spring 2016

- Used Point Cloud Library to obtain depth cloud information with an Asus xTion camera and Baxter Research Robot
- Utilized ROS and PCL to segment depth clouds and perform analysis (C++ and Python)

Terrapin Hackers - President

College Park, MD • Spring 2016

- Provided hackers with a rich, high-energy environment with programs and maker-spaces like Collider
- Organized hacktorials and started the challenge night and mentorship initiatives to help new hackers learn quickly
- UMD ranked 4th in North America for Spring 2016 MLH season

projects

Perfect Partner

Bitcamp • April 2016

- Used OpenCV and OpenNI to analyze depth cloud information
- Autodesk utilized for 3D printing launching mechanism
- Utilized Arduino to alter firing platform for each detected case

VRoom - VRoom

HoyaHacks • January 2016

- Built a Jenga car powered by servos and a Spark Core
- Allowed user remote control of the car through an Oculus DK2
- Recieved "Best Hardware Hack" at HoyaHacks 2016.

Metabolic Profiling of the Different Subpopulations of Melanoma Cells

UC San Francisco • Summer 2014

- Used nuclear magnetic resonance spectroscopy (NMR), gamma counting, and cell culture to metabolically analyze the slowly cycling cell subpopulation
- Named semifinalist in Intel Science Talent Search competition
- Received special recognition from the International Society for Magnetic Resonance in Medicine

education

University of Maryland

Banneker Key Scholar

B.S. in Computer Science | GPA: 3.9

Expected Spring 2019

Montgomery Blair HS

Math/Science/Computer Science Magnet

Silver Spring, MD

GPA: 3.91

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coursework

Artificial Intelligence

Organization of Programming Languages

Computer Systems (Unix)

Introduction to Machine Learning

(Coursera Cert: S7WQ2XMXAFTA)

Practical Machine Learning

(Coursera Cert: 2UZFX4QD98V6)

Server-side Development with NodeJS

(Coursera Cert: 5PT684VTVZQB)

skills

Java | Ruby | HTML

CSS | Shell | C | Assembly

Sketch (Design)

JavaScript (React Native, Node.js)

Python (Django, Flask)

organizations

Startup Shell

QUEST

Terrapin Hackers

Sandbox Hackerspace