

Ishaan Parikh

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EDUCATION

UNIVERSITY OF MARYLAND

BS IN COMPUTER SCIENCE

2015 - 2019 | College Park, MD

Banneker/Key Scholar

Honors College

Cum. GPA: 4.0 / 4.0

Major GPA: 4.0 / 4.0

MONTGOMERY BLAIR H.S.

Math/Sci./Comp. Sci. Magnet

Grad. Jun 2015 | Silver Spring, MD

LINKS

Github:// [iparikh](#)

LinkedIn:// [iparikh](#)

Behance:// [iparikh](#)

Medium:// [@iparikh](#)

Twitter:// [@iparikh_](#)

COURSEWORK

UNDERGRADUATE

Artificial Intelligence

Org. of Programming Languages

Machine Learning

(Coursera Cert: S7WQ2XMXAFTA)

Practical Machine Learning

(Coursera Cert: 2UZFX4QD98V6)

Computer Systems (Unix)

SKILLS

PROGRAMMING

Java • JavaScript • Node.js

React Native (iOS + Android)

Ruby • HTML • CSS • Matlab

Python • Flask • Django

Shell • C • Assembly

DESIGN

Sketch

ORGANIZATIONS

STARTUP SHELL

Head of Fellows

Leading the new fellow's program to promote campus' tech culture

COLLIDER HACKERSPACE

Mentor + Director

Assisting with the development of the new hackerspace in the computer science building.

EXPERIENCE AND LEADERSHIP

LENDUP | SOFTWARE ENGINEERING INTERN

June 2016 – August 2016 | San Francisco, CA

- Developed the iOS and Android mobile applications for the LCard product using React Native
- Created the foundation of development for future mobile application developers

UMD AUTONOMY, ROBOTICS, AND COGNITION LAB | RA

January 2016 – June 2016 | Mountain View, CA

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

TERRAPIN HACKERS | PRESIDENT

December 2015 – June 2016 | College Park, MD

- 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 2016

April 2014 | College Park, MD

- 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 | HOYA HACKS 2016

January 2016 | Washington, D.C.

- Built a Jenga car powered by servos and a Spark Core (wireless arduino).
- Allowed user remote control of the car through an Oculus DK2.
- Enabled controllability via Myo Armband
- Received "Best Hardware Hack" at HoyaHacks 2016.

METABOLIC PROFILING OF THE DIFFERENT SUBPOPULATIONS OF MELANOMA CELLS | UC SAN FRANCISCO

June 2014 - August 2014 | San Francisco, CA

- 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 international competition
- Received special recognition from the International Society for Magnetic Resonance in Medicine

AWARDS

2016	University	Campus Innovator Award
2015	Top 300 of applicants	Banneker/Key Scholarship Recipient