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:// **gandhi**
LinkedIn:// **iparikh**
Behance:// **iparikh**
Medium:// **@iparikh**
Twitter:// **@iparikh_**

COURSEWORK

UNDERGRADUATE
Aritificial Intelligence
Org. of Programming Langauges
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 withe 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 | College Park, MD
- 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 2016 | 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 | HoyaHacks 2016
January 2016 | Wasington, 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
- Recieved "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