Ishaan Parikh

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experience & leadership

Indiegogo - KPCB Engineering Fellow & SWE Intern
San Francisco, CA • Summer 2017
- Worked with Ruby on Rails to build a sustainable backend infrastructure for the marketplace product
- Developed user/admin facing features using AngularJS
- Attended talks and events with KPCB partners and portfolio company executives to learn about the startup space

CMSC389K + 389O - 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
- Created 1 credit course (The Coding Interview) to prepare students for technical interviews for SWE roles
- Developed all materials (projects, lecture slides, etc.) for course

LendUp - Software Engineering Intern
San Fracisco, CA • Summer 2016
- Developed iOS & Android mobile apps for the LCard product using React Native
- Created the foundation for future mobile app devs on the product

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

Human Pong
Best User Interface/Experience Award • Bitcamp • April 2017
- Used OpenCV for blob tracking and transmitted data over web sockets
- Tracked people using neon green vests and basic 2D calibration
- Hung a projector from 15 feet in the air to display a life-size pong game on floor

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

Montgomer Blair HS
Math/Science/Computer Science Magnet
Silver Spring, MD

links

- gandhi
- iparikh
- @iparikh
- iparikh
- iparikh

coursework

Computer Vision
Artificial Intelligence for Robotics
Organization of Programming Languages
Design and Analysis of Algorithms
Data Structures
Computer Systems (Unix)
Introduction to Machine Learning
(Coursera Cert: S7WQ2XMXAFTA)
Practical Machine Learning
(Coursera Cert: 2UZFX4QD98V6)
Server-side Development with Node.js
(Coursera Cert: 5PT684VTVZQB)

skills

Java | Ruby on Rails | HTML
CSS | Shell | C | Assembly
Sketch (Design)
JavaScript (React Native, Node.js)
Python (Django, Flask)

organizations

STICs @ UMD - Co-Founder & Director
Student-Initiated Courses (STICs) are a new generation of courses at UMD focused on giving students the opportunity to design and develop an entire class. Because these classes are new to UMD, they require a large amount of administrative approval, and this is what my team is focusing on. We are creating a sustainable framework for these classes to live on at the University of Maryland.

QUEST - Cohort 28
"The Quality Enhancement Systems and Teams Honors Program is a multidisciplinary, hands-on program for students to participate in a challenging course of study that focuses on quality management, process improvement, and system design through teamwork and co-curricular programming."