Ishaan Parikh

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experience

Facebook - Software Engineering Intern

Menlo Park, CA • Summer 2018

- Building full-stack applications using Hack, React, and Python
- Designing and developing multiple customer-facing products' interfaces and experiences

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

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)

teaching & leadership

Student-Initiated Courses @ UMD - Co-Founder

College Park, MD • Spring 2017 - present

- Co-started a program to allow students to design, develop, and teach their own courses at UMD (stics.umd.edu)
- Worked with university officials to work towards formal adoption
- Established team to work on various tasks such as onboarding, community, marketing, etc. and ensure long-term sustainability

CMSC389K/O/M - Co-Founder & Teaching Assistant

College Park, MD • Spring 2017

- Created three 1 credit courses Full-stack Web Dev w/ Node.js (CMSC389K), The Coding Interview (CMSC389O), and SLAM: Why Robots Don't Crash (CMSC389M)
- Developed content such as in-class tutorials, take-home projects, and interactive partner assignments

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 efficiently
- UMD ranked 4th in North America for Spring 2016 MLH season

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

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coursework

Blockchain and Cryptocurrency
Computer and Network Security
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)

projects

Human Pong

Best UI/UX 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

Intel STS Semifinalist • UC San Francisco • Summer 2014

Used nuclear magnetic resonance spectroscopy (NMR), gamma counting, and cell culture to metabolically analyze the slowly cycling cell subpopulation. Received special recognition from the International Society for Magnetic Resonance in Medicine.