ISHAAN M. PARIKH

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EDUCATION

Banneker-Key Scholar - University of Maryland**,** College Park, MD, **GPA: 4.00**   **Expected Spring 2018**
    Honors College, University Honors, Major: Computer Science, 86/120 credits
Math/Science/Computer Science Magnet - Montgomery Blair High School**,** Silver Spring, MD, GPA: 3.91   **June 2015**

COMPUTER LANGUAGES/SKILLS

Java, Javascript (Node + React Native), HTML, Python (Django), Swift/xCode, CSS/SASS, Matlab, C
Machine Learning (Stanford University) – Coursera Course Certificates, License S7WQ2XMXAFTA

LEADERSHIP & EXPERIENCE

LendUp, San Francisco, CA   **2016 – present**
Software Engineering Intern
  • Developing the iOS and Android mobile applications for the LCard product
  • Creating the foundation of development for future mobile application developers
  • Building out the first mobile application to be used in public production

Terrapin Hackers, College Park, MD   **2015 – 2016**
President
  • Providing hackers with a rich, high-energy environment with programs and maker-spaces like Collider
  • Organizing hacktorials and starting the challenge night and mentorship initiatives to help new hackers learn quickly

Startup Shell, College Park, MD   **2015 – present**
Eta Batch
  • Developing TutorMatch (tutoring 'middleman' social network) into a full platform
  • Converting Collider, UMD's hackerspace, into a more accessible location with better resources

PROJECTS

Exploration of Objects with the Baxter Research Robot Using an RGB-D Sensor and PCL, *UMD CS Research*   **2016**
<http://iparikh.co/assets/files/baxter.pdf>
  • 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

Perfect Partner, *Bitcamp 2016*   **2016**
<https://youtu.be/kLliPQ02tAI>
  • Used OpenCV and OpenNI to analyze depth cloud information for ellipse detection
  • Autodesk utilized for 3D printing launching mechanism
  • Utilized Arduino to alter firing platform for each detected case

OmniTestr, *PennApps 2016*   **2016**
<https://github.com/OmniTestr>
  • Developed a web app to load test public API requests on any given website
  • Used Node.js' ws and requests packages to make a large amount of http requests
  • Used d3.js for informative and beautiful data visualization

 "Metabolic Profiling of the Different Subpopulations of Melanoma Cells," *UC San Francisco*   **2014**
<http://jes2s.com/September2014/scc.html>
  • Used nuclear magnetic resonance spectroscopy (NMR), gamma counting, and cell culture to metabolically analyze the slowly cycling cell subpopulation.
  • Named semifinalist in the Intel Science Talent Search international science competition
  • Received special recognition from the International Society for Magnetic Resonance in Medicine

HONORS

Banneker-Key Scholarship: UMD's highest merit-based scholarship for significant leadership and accomplishment
Campus Innovator Award: Award for helping revitalize Collider, UMD's hackerspace
President's Gold Volunteer Service Award: Award for completing 800 Student Service Learning hours in high school