ISHAAN M. PARIKH

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EDUCATION

University of Maryland, College Park, College Park, MD, GPA: 4.00 – 73/120 credits **Expected Spring 2018**
Honors College, University Honors, Majors: Computer Science

Montgomery Blair High School, Silver Spring, MD, GPA: 3.91 **June 2015**
Magnet Diploma: Math/Science/Computer Science

LEADERSHIP & EXPERIENCE

Terrapin Hackers, College Park, MD **2015 – present**
President

- Providing hackers with a rich, high-energy environment with programs and maker-spaces like Collider
- Organizing biweekly hacktorials so students are constantly learning
- Starting the challenge night and mentorship initiatives to help new hackers learn quickly

Bitcamp, College Park, MD **2015 – present**
Organizing Committee

- Organizing the venue and logistical coordination of the hackathon
- Designing and developing a slack API to handle basic hacker requests

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 non-profit for future expansion and resource accessibility

Kids Are Scientists Too, Washington, D.C. **2014 – 2016**
Founder/Director of Advance Sector

- Led a team of high school volunteers to visit local middle schools for bimonthly STEM tutoring
- Designed advanced science lesson plans which complement public school science curriculum
- Expanded model to 20+ high school chapters in 9 states for continual use and awarded Runner Up: Maryland LearnServe Innovators Award

PROJECTS

OmniTestr, *PennApps, January 2016* **2016**
<https://github.com/OmniTestr>

- Developed a web app with 2 other students to load test public API requests on any given website
- Used Node.js' ws and requests packages to make a large amount of calls to any website
- Used d3.js for informative and beautiful data visualization

Vroom-Vroom, *Best Hardware Hack – HoyaHacks 2016* **2016**
<https://vroomvroom.space>

- Built a Jenga car powered by servos and Spark Core to stream video to Oculus VR for enhanced control
- Added Myo Armband interaction by setting different directions to different gestures (python)

"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

COMPUTER LANGUAGES

<https://github.com/imparikh>
Java, Javascript, HTML, Swift/xCode, Python, JavaScript, CSS/SASS, Node.js, Matlab

HONORS

Banneker-Key Scholar: UMD's highest merit-based scholarship for significant leadership and accomplishment
President's Gold Volunteer Service Award: Award for completing 800 Student Service Learning hours in high school