

ISHAAN M. PARIKH

10209 Holly Hill Place, Potomac, MD 20854
parikh.i.m@gmail.com • 240-498-5209
iparikh.co

EDUCATION

Banneker-Key Scholar - University of Maryland, College Park, MD, **GPA: 4.00** **Expected Spring 2018**
Honors College, University Honors, Major: Computer Science, 73/120 credits
Math/Science/Computer Science Magnet - Montgomery Blair High School, Silver Spring, MD, GPA: 3.91 **June 2015**

COMPUTER LANGUAGES

[<https://github.com/imparikh>](https://github.com/imparikh)

Java, Javascript, HTML, Python, Swift/xCode, CSS/SASS, Node.js, Matlab, C

PROJECTS

OmniTestr, PennApps, January 2016 **2016**

[<https://github.com/OmniTestr>](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

Vroom-Vroom, Best Hardware Hack – HoyaHacks 2016 **2016**

[<https://vroomvroom.space>](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>](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

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

HONORS

Banneker-Key Scholarship: 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