

## Vineet Shah

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<http://shahvineet98.github.io/>

### EDUCATION

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Aug 2016-Dec. 2019	<b>University of Maryland, College Park</b>	College Park, MD
	B.S Computer Science, Science Discovery and Universe Scholars Program	
Aug 2012-May 2016	<b>Poolesville High School</b>	Poolesville, MD
	Science, Math, Computer Science Magnet Program	

### WORK EXPERIENCE

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Jun 2016-Aug 2016	<b>WeatherBug HQ</b>	Germantown, MD
	<i>Software Engineering Intern</i>	
	<ul style="list-style-type: none"><li>Created software testing tools in C# and SQL with a GUI</li><li>Automated PDF validation process for weather reports in Java</li></ul>	
Jun 2015-Aug 2015	<b>Autonomy Robotics Cognition Lab, University of Maryland</b>	College Park, MD
	<i>Independent Research Intern</i>	
	<ul style="list-style-type: none"><li>Developed a collaborative robotics software solution in ROS and Python to explore unknown environments using gestural communication</li><li>Awards: Intel International Science and Engineering Fair (<b>ISEF</b>) Finalist, <b>"Forward Thinker"</b> presented by GoDaddy, <b>First Place</b> in Engineering at Science Montgomery Science Fair</li></ul>	
Jun 2014-Aug 2014	<b>Montgomery County Innovations</b>	Rockville, MD
	<i>Research and Development Intern</i>	
	<ul style="list-style-type: none"><li>Developed a food recovery web solution to rescue food in the county</li><li>Project was created in Django, a Python web framework</li></ul>	

### HACKATHONS/COMPETITIONS

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- Future of Information Alliance Spark Grant (2017)** – Competed on an interdisciplinary team to create a VR Mind Palace which can help users retain information better as opposed to rote memorization. Placed as finalists and will compete for grand winner in May of 2017.
  - PennApps XIV (2016)** – Best use of Capital One API integrated in our hardware hack WristPass. Used capacitive coupling to authenticate users to perform desired actions.  
<http://devpost.com/software/wristpass>
  - HackUMBC (2016)** – Won 3<sup>rd</sup> place overall and a special mention from Northrup Grumman. Created a pothole detection app in Android that would emit coordinates to a real-time database.  
<https://github.com/shahvineet98/lotsofholes>
  - Bitcamp (2016)** - Best App/Program using Internet Sourced Data presented by Bookholders. Created a smart IoT gas sensor that alerts users if a high sense of dangerous gas is found, along with an image taken in that moment in time  
<http://rachitag22.github.io/fireberryapi/>
  - MLH Prime (2016)** – created EzPill which was a device that automatically dispenses pills based on times sent in Android App and we also implemented the Twilio Sync API to keep data consistent  
<http://devpost.com/software/ezpill>
  - Hack TJ Hackathon (2016)** – created a web interface that would generate restaurant suggestions based on a user's transaction history with the Capital One and Yelp API.  
<http://devpost.com/software/perfect-plate>
  - Google Code-In (2016)** – open source development competition sponsored by Google. Designed Java GUI quiz testing people's knowledge on open source software  
<https://github.com/shahvineet98/FOSSQuiz>
  - CyberPatriot (2015-2016)** – Platinum tier, competed in regional for top 3 in state after passing states.

### SKILLS/INTERESTS

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- Programming Languages: Python, Java, C#, HTML, JS, Arduino, GWBasic, ROS, STELLA, Lego NXT
  - CAD Autodesk Inventor, Raspberry Pi Hardware, AWS Lambda for Alexa Skills, AWS IoT
  - Language Skills:** Fluent in English and Gujarati, Proficient in Hindi