

Karan Shah

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What's on my mind?  
It's a new day! :)

- ★ Highlights
- I am really enthusiastic about **learning** new things.
  - I love making things : Code, Electronics or Imaginary Constructs. I always carry an **Idea Notebook** to jot down all my ideas as soon as I get them.
  - **Computer Science** and **Physics** are my two favorite domains.
  - I believe that **Done is better then perfect**. This does not mean that I do not **pay attention to the details or the design**. I try to make my work as aesthetically pleasing as possible.
  - I was the **Tech guy** for almost everyone I knew in High School.
  - I plan and optimize my processes. I make flowcharts for everything, even my english assignments.
  - I keep myself **busy**. I take more online courses than my real college classes. I don't like sleeping.
  - I love **puzzles**. I write small programs for my senior peers to help them with data analysis.

About

Work and Education




Georgia Institute of Technology

Class of 2017 · Atlanta, Georgia

Candidate for BS in Physics

Candidate for BS in Computer Science (Double major)


Expected Graduation: May, 2017



Essar International School

Class of 2013 · Surat, Gujarat, India

June, 2011 – May, 2013




Ryan International School

Class of 2011 · Surat, Gujarat, India

June, 2009 – May, 2011

Work



Athletic Events Assistant

Georgia Tech Athletics Department

February, 2014 – Present

Contact Information

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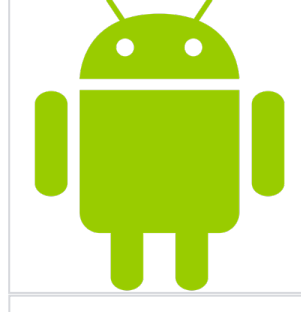
⚙ Skills



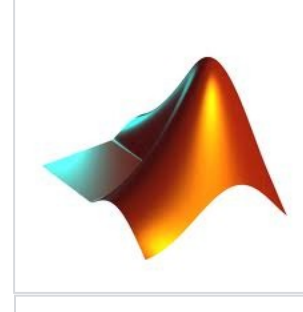
Arduino



Java



Android Development



MATLAB

Electronics:

Circuits, Wiring, Microcontrollers (Arduino), General troubleshooting

Coding:

MATLAB, Java, Python, C++, HTML/CSS, [Arduino](#), [Android App Development](#) (Java, Eclipse IDE)

Software:

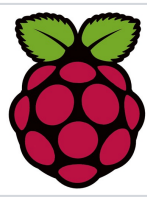
Apple iWork Suite, Microsoft Office Suite, Basic image-manipulation(Adobe Photoshop, Pixelmator), Adobe Illustrator

Instrumentation:

[Soldering Iron](#), Schematics

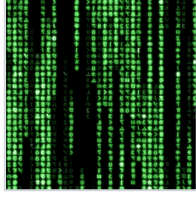
🔧 Projects

Present




Raspberry Cloud

A cloud backup system consisting of a Raspberry Pi as an FTP server and an external hard drive for storage.



Personal Website


Making a personal website to learn HTML/CSS hands-on.  
Link: <http://www.prism.gatech.edu/~kshah84/>  
(Still a work in progress)



Facebook as a Personalized Community Space

An essay about Facebook as a community in the modern era.  
I wrote this essay for my English class last semester.  
Link: <http://www.prism.gatech.edu/~kshah84/FBEnglishProj.pdf>


Past



BPM (Beats Per Minute)

A geeky – romantic gift idea that I tried to sell(unsuccessfully) for Valentine's Day, 2013.  
Link: <http://www.prism.gatech.edu/~kshah84/BPM.html>


January, 2013



Jarvis 2.0

A voice controlled home automation system made out of cheap parts.  
(For Google Science Fair, 2011)  
Link: <https://sites.google.com/site/jarvis2karan/home>

March, 2011



iHouse

An intelligent environment-aware eco-friendly house controlled by Arduinos.  
(For CBSE Regional Science Fair, 2011)  
Link: <http://www.prism.gatech.edu/~kshah84/iHouse.pdf>

August, 2011

🏆 Honors and Leadership

Ryan International School Student Parliament, Dep. Home Minister	June, 2009–May, 2010
Ryan International School Student Parliament, Goodwill Minister	June, 2010–May, 2011
Essar International School Student Council, Head Boy	June, 2011–May, 2012
<b>Top 1 percentile in Indian National Astronomy &amp; Astrophysics Olympiad</b>	<b>October, 2012</b>
<b>AP Scholar with Honor</b>	<b>October, 2013</b>
<b>DEAN'S LIST, FALL '13</b>	<b>December, 2013</b>
Photographs selected for display at the Clough Art Crawl, a month long art exhibit at Georgia Tech	February, 2014

🎯 Activities

Member of Astronomy Club at Georgia Tech	August, 2013
<b>Active member of the Startup Exchange at Georgia Tech</b>	<b>August, 2013</b>
Member of the Society of Physics Students	August, 2013
<b>Volunteer at FIRST Robotics Events</b>	<b>January, 2014</b>
Photography	
Lawn Tennis and Ping Pong	
Biking	
Keyboard	

Karan Shah · Speaks English, Hindi and Gujarati.