

# Syed Misbah

Aspiring Data Scientist



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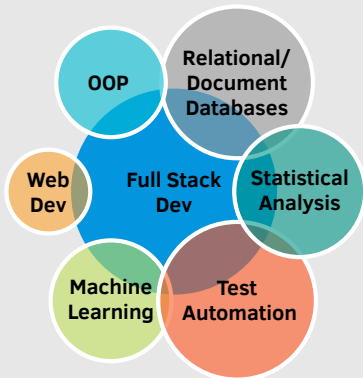


syedmisbahahmed.github.io



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## Skills



## Interests

Machine Learning



Sensor Data Acquisition



Image Processing



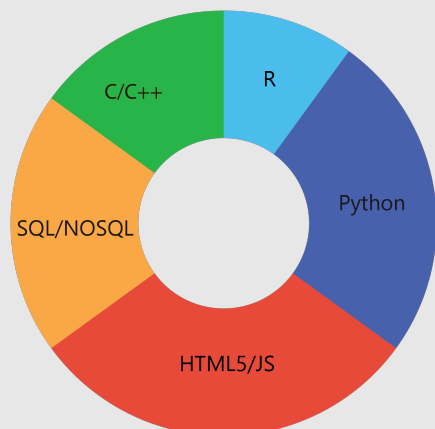
Software Development



Data Mining & Statistical Analysis



## Languages



## Education

2013 - 2017	<b>B.E., Instrumentation Technology</b> Bangalore Institute of Technology Current Aggregate: 75.30	VTU
2010-2012	<b>I.Sc., Carmel Junior College</b> Jamshedpur, Jharkhand, India Percentage: 84.5%	CISCE
2009-2010	<b>Xth ICSE., Carmel Junior College</b> Jamshedpur, Jharkhand, India Percentage: 88.2%	CISCE

## Industry Exposure

Sep 2016	<b>Research Intern</b>	Indian Institute of Science
	<ul style="list-style-type: none"><li>Working on extraction of roads from aerial images using machine learning.</li><li>Employed k-means algorithm on aerial images to extract power lines.</li></ul>	
July 2015	<b>Summer Intern</b>	Tinplate Company of India
	<ul style="list-style-type: none"><li>Collected and cleaned data from temperature and pressure sensors on the coil preparation line using OpenRefine.</li><li>Designed and tuned the PID controller of 6-Hi Mill compressor using Ifix SCADA/HMI to regulate cold rolled coil sheet thickness.</li><li>Interfaced thermocouples with LabVIEW and analyzed the data obtained after storing in a SQL table.</li></ul>	

## Projects

Jan 2016	<b>Smart Intersection Management System</b>
	<ul style="list-style-type: none"><li>A traffic based feedback intersection system which changes the time of green, amber and red light with respect to the traffic flow rather than time.</li></ul>
Sept 2015	<b>Atmega 328 Smartwatch</b>
	<ul style="list-style-type: none"><li>Atemga 328 microcontroller based smartwatch, which can show the time, date, temperature, humidity, pressure and altitude.</li><li>Also integrates with an android phone via Bluetooth to mirror notifications received on the phone to the watch.</li></ul>

## Co-Curriculars

- Founding & core member of BIT TECH, a college tech club. Organized workshops on MatLAB and Robotics.
- Runner up - Brain Box Engineering Quiz 2016.
- Completed 2 day Android workshop conducted by PIE and BIT-TECH.

## Volunteer Work

- Volunteered at ALIG Educational and Welfare Society.
- Installed & maintained the technological infrastructure
- Organized workshops for under privileged women and children under Community Outreach Program.

## Hobbies

- Commercial Flight Simulation - Pilot at Virtual Air India and member of VATSIM
- Maintain regularly updated blog evolvingperceptions.blogspot.in
- Design and maintain own website at syed-misbahahmed.github.io