Syed Misbah

Decision Scientist

in /in/syedmisbah

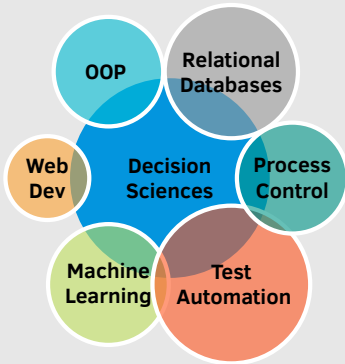+91 9066665419

syedmisbah.github.io

misbahahmed0001@gmail.com

Skills

OOP · Relational Databases · Web Dev · Decision Sciences · Process Control · Machine Learning · Test Automation

Interests

Machine Learning

Deep Learning

Data Sciences

Business Analytics

Data Mining & Statistical Analysis

Languages

HTML5/CSS3 · Python · MATLAB · SQL/NOSQL · C/C++
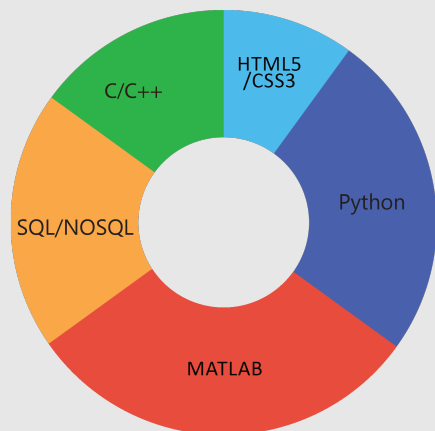
Experience

July 2017 - **Trainee Decision Scientist** Mu Sigma Inc.

- Mentored sophisticated organizations on large scale data and analytics using advanced statistical and machine learning models.
- Architected and implemented analytics and visualization components for device data analysis platform to predict hardware
- Optimized factors for sales conversions and designed an algorithm for deal recommendations for a large daily deals website.
- Developed audience extension models relying on decision trees, random forest, logistic regression, and other categorical data

Sep 2016 **Research Intern** Indian Institute of Science

- Extraction of roads from aerial images using machine learning.
- Employed k-means algorithm on aerial images to extract power lines.

July 2015 **Summer Intern** Tinplate Company of India

- Collected and cleaned data from temperature and pressure sensors on the coil preparation line using OpenRefine.
- Designed and tuned the PID controller of 6-Hi Mill compressor using Ifix SCADA/HMI to regulate cold rolled coil sheet thickness.

Education

2013 - 2017 **B.E., Electronics and Instrumentation Technology** VTU
Bangalore Institute of Technology
First Class with Distinction, 70.33 %

2010-2012 **I.Sc., Carmel Junior College** CISCE
Jamshedpur, Jharkhand, India
Percentage: 76.5%

2009-2010 **Xth ICSE., Carmel Junior College** CISCE
Jamshedpur, Jharkhand, India
Percentage: 88.2%

Projects

Jan 2016 **Smart Intersection Management System**

- 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.

Sept 2015 **Atmega 328 Smartwatch**

- Atemga 328 microcontroller based smartwatch, which can show the time, date, temperature, humidity, pressure and altitude.
- Also integrates with an android phone via Bluetooth to mirror notifications received on the phone to the watch.

Co-Curricular

- Volunteered at ALIG Educational and Welfare Society, organized workshops for under-privileged
- Founded - BIT TECH, Organized workshops on MatLAB and Robotics
- Commercial Flight Simulator Pilot
- Blogger
- Design and maintain own website at syedmisbah.github.io