



# Mohd Sanad Zaki Rizvi

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Technophile | Autodidact & gutsy engineer | Computer Science aficionado | Recently into Data Science and ML.

## Experience

### DATA SCIENCE INTERN, [ANALYTICSVIDHYA.COM](http://www.analyticsvidhya.com) - JUN 2017 - AUG 2017

- Worked on a project that involved **large scale automated web scraping using python** to collect and extract data and then employing data science techniques of cleaning, structuring data and building **predictive machine learning models** on the same.
- Worked on Data Visualisation on the web using D3.js ( A javascript visualisation library ).
- Wrote **technical tutorial blog on Web Scraping with Scrapy in python** <https://www.analyticsvidhya.com/blog/2017/07/web-scraping-in-python-using-scrapy/>
- Wrote **technical tutorial blog on Data Visualisation using D3.js** <https://www.analyticsvidhya.com/blog/2017/07/beginner-guide-build-data-visualisations-web-d3-js/>

Technologies used : Scrapy, D3.js, Python, Pandas, Sklearn

### SOFTWARE ENGINEERING INTERN, [YOURSTORY.COM](http://www.yourstory.com) – DEC 2016 - JAN 2017

- Built and Extended OpenPicker(<https://github.com/mohdsanadzakirizvi/OpenPicker>) an **open source alternative to FilePicker** ( A paid Software As a Service).

Technologies used : AngularJS, CoffeeScript, ExpressJS, NodeJS, Git and BootStrap

### OPEN SOURCE CONTRIBUTOR , PYTHON SOFTWARE FOUNDATION (PES SUMMER OF CODE) – 2015

- Contributed to the Python Programming Language itself , PSF's IDLE Project - <http://bugs.python.org/issue23672>
- Added a **Pull Request(merged Python 2.x and 3.x)** that prevent IDLE from crashing when file name has characters outside Basic Multilingual Plane.
- **Got listed as a contributor to Python** <https://github.com/python/cpython/blob/master/Misc/ACKS/>

Technologies used: Python, Mercurial

### FULL STACK WEB DEVELOPMENT INTERN, [REINVENTIO](http://www.reinventio.com) – AUG 2014 - JULY 2016

- Built **web applications using MEAN(MongoDB, ExpressJS, AngularJS and NodeJS)** stack.
- Wrote Unit Tests for the same using Mocha, Karma, SinonJS, Sinon-Chai etc.

Technologies used: MongoDB, AngularJS, NodeJS, ExpressJS and Mocha , Karma, SinonJS for testing.

## Education

- Bachelor of Technology in Computer Science and Engineering, 4th Year - The National Institute of Engineering , Mysore , Karnataka (GPA 8.23/10)

## Roles of Leadership Held

- Student Activity Committee Coordinator - NIE IEEE Student Branch NIE Largest Student Technology Community
- Head of Sponsorship Team - Ankura 2016
- Hackathon Co-organizer - KBITS Hackathon 2017

- Technology Evangelist - HackerEarth 2016-2017

## Projects

- Online Music Streaming Platform, built using- Python Flask(Server), SQLite(DB) and Materialize CSS.
- Facebook Bot (<https://github.com/mohdsanadzakirizvi/facenotipy>)- A command line interface to simplify the process of posting status, sending/reading messages and notification on Facebook from command line using Python.
- Html5Paint (<http://simplysanad.com/html5Paint/>) - An online paint application built using vanilla HTML5 and JS.

## Blog/Publications

- Blog on data science - <https://www.analyticsvidhya.com/blog/author/mohdsanadzakirizvigmail-com/>
- Blog on Technology and Projects - <http://simplysanad.com/blog/>
- Tutorial on Linked Lists published by HackerEarth - <https://www.hackerearth.com/practice/data-structures/linked-list/singly-linked-list/tutorial/>

## Other Achievements

- Secured **All India Rank 19** out of 9000, in ZS Young Data Scientist 2017 - a nation wide machine learning competition.
- Topped in grade 1 **Plectrum Guitar Certification Examination** by **Trinity College, London.**

## References

- Gaurav Tiwari ,CTO , [YourStory.com](http://YourStory.com) - [gaurav.tiwari@yourstory.com](mailto:gaurav.tiwari@yourstory.com)
- Santosh Kumar, Software Developer, [HackerEarth.com](http://HackerEarth.com) - [santosh@hackerearth.com](mailto:santosh@hackerearth.com)