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 - 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.

- Wrote **technical tutorial blog on Data Science with Julia from Scratch** https://www.analyticsvidhya.com/blog/2017/10/comprehensive-tutorial-learn-data-science-julia-from-scratch/

- Wrote **technical tutorial blog on Machine Learning in iOS apps using Apple's CoreML** https://www.analyticsvidhya.com/blog/2017/09/build-machine-learning-iphone-apple-coreml/

- 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, Swift 4, Xcode 9, CoreML, Julia.

SOFTWARE ENGINEERING INTERN, 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 – 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

- **Machine Learning** by **Stanford University** on Coursera. Certificate earned on December 14, 2017 - https://www.coursera.org/account/accomplishments/certificate/WRLX9J7NE2JW

- **Descriptive Statistics** by Udacity

- **Data Science Math** Skills by **Duke University** on Coursera. Certificate earned on Wednesday, January 17, 2018 - https://www.coursera.org/account/accomplishments/certificate/X7KSDJ25N6AD

- 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 Materalize 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

- **Won** first place in **Siemens MakeITReal Hackathon 2017's Technical Quiz**.

- Secured **All India Rank 19** out of 9000, in ZS Young Data Scientist 2017 - a nation wide machine learning competition.

- Topped in grade 0 and grade 1 **Plectrum Guitar Certification Examination** by **Trinity College, London.**

References

- Gaurav Tiwari ,CTO , YourStory.com - gaurav.tiwari@yourstory.com

- Santosh Kumar, Software Developer, HackerEarth.com - santosh@hackerearth.com