Akash Chauhan

Aspiring Data Scientist

Fueled by the passion for understanding the nuances of cognitive functions and Data science. Highly competitive but a believer of collective growth. Have delivered in extreme work environment, fourteen hours a day seven days a week at SWAN Labs, IIT Kharagpur. Currently building a strong portfolio to kick off my career in data science by building solutions for few real world business problems.

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quora.com/profile/Akash-Chauhan-227 Q

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WORK EXPERIENCE

Data Science Intern
Tata Consultancy Services

03/2019 – Present   *Life Sciences Division*
Noida

Achievements/Tasks

- Planned and developed non-objective based market segmentation models for pharmaceutical market.
- Leveraged analytical skills to come up with interesting and necessary insights from health related data from various sources, converted to OMOP common data model.

Contact: Vikas Yadav – vikas.yad@tcs.com

Institutional Research Intern
SWAN Labs, IIT Kharagpur

05/2018 – 07/2018
Under guidance of Prof. Sudip Misra

Achievements/Tasks

- Successfully developed a novel learning framework for resource constrained IoT devices leveraging edge working with two of the finest research scholars of Prof. Misra.
- The long working hours gave a fine lesson of importance of time management.
- Increased productivity with increased concentration and less breaks.

Contact: Prof. Sudip Misra – smisra.editor@gmail.com

EDUCATION

Integrated M.Sc. in Computer Science with specialization in Artificial Intelligence
Central University of Rajasthan

07/2014 – Present   *5.43/6*

XII
St. Anselm's School

04/2013 – 03/2014   *86.8%*

X
St. Anselm's School

04/2011 – 03/2012   *8.2/10*

SKILLS

Python   Machine Learning   Deep Learning

Exploratory Data Analysis   Data Mining

PERSONAL PROJECTS

Personalized Cancer Detection (02/2019 – 02/2019) ⬀
- Leveraging the NLP techniques, build models to successfully predict the class of cancer, given the 'Gene', 'Variation' and the corresponding text in the literature.

Stack Overflow tag predictor (01/2019 – 02/2019) ⬀
- Given the title and body of the question on stack overflow, predicting the possible tag(s).

Quora question pair similarity (12/2018 – 01/2019) ⬀
- It makes sense of quora to combine two questions if they somehow are asking the same thing. This project automates this process.

Sentiment analysis on Amazon fine food reviews. (09/2018 – 01/2019) ⬀
- Given a review text, judging it's polarity.
- Drawn comparisons to algorithms like, naive bayes, logistic regression, SVM, decision trees, random forest and GBDT.
- Made use of RNNs so that the sequence of inputs comes it play.

Recommender system and human activity recognition using Extreme Learning Machines. (08/2018 – 11/2018)
- In theory ELMs are said to be hundred if not thousand times faster than conventional neural networks.
- Applied ELM's to build a simple recommender system and to detect human activity with processed signals from accelerometer and gyroscope.

ACHIEVEMENTS

Microsoft AI Challenge India 2018. ⬀

Consistently been in the top 2 of the batch integrated M.Sc CS(AI)(2014-2019).