Akash Chauhan

Data Scientist

Fueled by the passion for understanding the nuances of cognitive functions and Data science. 3 years of experience in data science roles. Highly competitive but a believer of collective growth. Have delivered in research as well as industrial environment. Ex Data Scientist at Straive (formerly SPi Global). Currently working as a Data Scientist at InsideView, a DemandBase Company.

chauhanakash2303@gmail.com ✉

8233186472 📱

Hyderabad, India 📍

chauhanakash23.github.io 🔖

linkedin.com/in/2303akash-chauhan 🔗

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

github.com/chauhanakash23

WORK EXPERIENCE

Data Scientist
InsideView

04/2021 - Present   *Hyderabad*

Achievements/Tasks

- As the part of the dynamic Data Product Experimentation Team, hustling to develop and improve the offerings like Premium Intent, Next Tech Purchase and Trending skills to help customers find their right audience.

Data Scientist
Straive (formerly SPi Global)

06/2019 - 04/2021   *Chennai*

Achievements/Tasks with the NLP Team

- Created a suite for a legal use-case that included summarization and citation recognition using NER techniques.
- Created models to index medical research articles/papers against concepts. (Multi-label classification model with 60k+ labels).
- Created one summarization platform(after market research and comparison of most existing models like PEGASUS, ProphetNet, T5 etc) and a REST api for the same.
- Combined results of object detection models with rules and patterns to extract data from PDFs(Invoice/Debt notices).
- Extraction of Environmental, Social and Governance data from unstructured PDF docs(Annual/CSR reports of companies) with a question answering approach.

Data Science Intern
Tata Consultancy Services

03/2019 - 05/2019   *Noida*

Life Sciences Division

- Planned and developed non-objective based market segmentation models for pharmaceutical market.

Institutional Research Intern
SWAN Labs, IIT Kharagpur

05/2018 - 07/2018   *Kharagpur*

Under guidance of Prof. Sudip Misra

- Developed a novel learning framework for resource constrained IoT devices leveraging the edge of the network, working with two of the finest research scholars of Prof. Misra.

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 - 05/2019   *5.44/6*

SKILLS

`Python` `NLP` `Deep Learning` `EDA` `Data Mining` `Docker` `Flask` `AWS` `PySpark`

ACHIEVEMENTS

Gold medalist, Integrated M.Sc CS(AI)(2014-2019).

BLOGS AND PERSONAL PROJECTS

Generating abstractive summaries using Google Brain's PEGASUS (06/2020 - 06/2020) ⧉

- Since the feature to generate summary for a single piece of text was missing, this article shows a neat work-around to generate summaries using the available pre-trained model.

Training a custom NER model using Flair (06/2020 - 06/2020)

- A tutorial on how to create an NER model for custom entities using Flair. Right from data preparation to model evaluation.

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.

CERTIFICATES

Microsoft AI Challenge India 2018 ⧉

Machine Learning [GIAN]

Big data analysis and mining in deep web repositories [GIAN]