Sourav Saha

PERSONAL INFORMATION

Kolkata, India
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Live Resume - Personal Portfolio

CAREER SUMMARY

4 years of experience working in Natural Language processing, Data Science and Data Structure. Enthusiast about solving new problems and perform research to identify improvements for adding add business value to existing problems.

PROFESSIONAL EXPERIENCE

Tata Consultancy Services Ltd. Chennai, India

System Engineer   **January 2017 - Present**

- Projects Developed :
  - Implemented NER using LSTM algorithm with Tensorflow
  - Recommendation problems using NetworkX and experience working in Grakn graph database.
  - Tag Extraction using LDA, POS, and from front-end using JavaScript
  - Datasets preparation for classification and document similarity problems
  - Performing important keyword extraction with relevant search implementation using PostgreSQL.
  - Proposal for new solution to stakeholders, designing wire-frame and it's implementation with ML.

FusionCharts Technologies Pvt. Ltd., Kolkata, India

JS Developer   **July 2016 - December 2016**

- Adding new functionalities to different type of charts and creating new charts based on company requirements.

CERTIFICATIONS

Machine Learning

- Natural Language Processing in TensorFlow
- Neural Networks and Deep Learning
- TCS Machine Learning E2 competency
- Basic Sentiment Analysis with TensorFlow
- Compare Stock Returns with Google Sheets
- Data Analysis Using Pyspark
- Exploratory Data Analysis with Seaborn
- Predict Future Product Prices Using Facebook Prophet
- The Data Scientists Toolbox by Johns Hopkins University
- Machine Learning Foundations: A Case Study Approach by University of Washington

HOBBY PROJECTS

- Exam Preparation Online (epon.in) - An online portal to simplify the email digest to help students and professionals on their daily learning on machine learning, technology and sports. Interview and Exam questions categorized to respective subjects from question papers and different websites. Structured interview experiences from jobs and higher studies.
- Google Search Recommendation - Chrome extension to suggest links based on their past activities and search query in Google search page.

SKILLS

Python, Tensorflow, Scikit-learn, Networkx, Grakn graph database, Seaborn, JavaScript, AngularJS

AWARDS & ACHIEVEMENTS

- Only student to be selected for job in Fusioncharts from on-campus
- 3rd prize in **BugSmash** coding event in INNOVACION, Tech Fest, IEM Kolkata.
- **Student Performer Award of the Year** by Institute of Engineering and Management in 2015
- **Outstanding Contribution Award** by Institute of Engineering and Management in 2014

EDUCATION

Institute of Engineering & Management, West Bengal, India

B.Tech., Department of Information Technology, August 2012 - May 2016

- Degree Grade Point Average (DGPA) : 8.42 / 10