

Aswin Giridhar Subramanian

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Summary

Experienced Data Science Specialist with a demonstrated history of working in the pharmaceuticals industry.

Website Link: <https://aswin-giridhar.github.io/>

Github Link: <https://github.com/aswin-giridhar/>

Tech Stack:

- Machine Learning: Classification, Clustering, Regression, Outlier Detection, Natural Language Processing, Recommender System, Social Network Mining
- Statistics: Probability, Distribution, Hypothesis Testing, A/B Testing, Regressions, Time Series Analysis
- Programming language: Python (SciKit-Learn, Pandas, NumPy, Pytorch, Tensorflow), R, C/C++
- Visualization: QlikSense, Bokeh, Matplotlib, Seaborn

Project/Research Areas:

- 1) Natural Language Processing(NLP)
- 2) Reinforcement Learning(RL)

Research Areas which interest me and which I spend my free time in are:

- 1) NLP work on Low-Resource Languages
- 2) IoT

Experience



Analyst - Data Science

Novartis

Sep 2019 - Present (1 year 2 months +)

I have worked on NLP projects involving Multilingual data, Semantic Textual Similarity, Natural Language Understanding, Text Classification and Text Summarization.

Projects Include:

Details of the projects can be found in the projects section

- 1) iRisk Audit and Inspection category reclassification using NLP
- 2) Adverse Event detection from Social media posts



Associate - Data Science

Novartis

Aug 2018 - Sep 2019 (1 year 2 months)

I have worked on NLP projects involving Multilingual data, Semantic Textual Similarity, Natural Language Understanding and Sentiment Analysis.

Projects Include:

Details of the projects can be found in the projects section

1) Text Analysis and Insights on Sales Rep survey

2) Semantic Textual Similarity for Novartis Manufacturing Sites

- Received Above and Beyond - Gold Award (NOVARTIS) for this project along with cash award of Rs 10,000



Intern

Novartis

Jan 2018 - Jun 2018 (6 months)

I had interned for 6 months at Novartis on the project "Comprehensive Price Variation Analysis for Procurement". I had researched and developed as end-to-end application in Python for the procurement division.



Project Trainee

Wipro Limited

Dec 2016 - Jan 2017 (2 months)

I had interned for 2 weeks at Wipro on the project titled "Semi Structured Data Extraction for Cognitive Search Solutions". I had generated programs to extract data from unstructured data sources.



Intern

Microsoft

Dec 2015 - May 2016 (6 months)

Campus Connect Program. Worked on UI/UX for an internal project with hands on exposure in Azure.

Education



Vellore Institute of Technology

Bachelor's Degree, Computer Science

2014 - 2018

Licenses & Certifications



Data Science Foundations - Level 1 - IBM



Data Science Hands-On with Open Source Tools - IBM



Blockchain Essentials - IBM



Data Science Methodology - IBM



Python 101 for Data Science - IBM



Learning to Be Approachable - LinkedIn



Design Thinking: Prototyping - LinkedIn



Interactive Data Visualization with Bokeh - DataCamp

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Skills

Python • TensorFlow • PyTorch • R • C++ • C • JavaScript • Product Development • Scikit-Learn • Bokeh Visualization Library

Honors & Awards



5th rank-Nest-Jr Scholarship - NEST,Mumbai

Jul 2014

Participated and Secured 5th position in the All India Ranking of NEST-JR Category and won a cash prize of Rs.25,000 as Prize money conducted by NESTon july,2014.



Rank-10,NEST-I category - NEST ,Mumbai

Jan 2015

Secured 10th rank in the All india Ranking of NEST-1 Category schoarship exam conducted by NEST India on Jan 25-2015 and won a cash prize of Rs.30,000.



Above and Beyond - Gold Award (NOVARTIS) - Novartis

Mar 2019

Received the excellence award for the work on the Smart Investigation Assistant project (Semantic Textual Similarity for Novartis Manufacturing Sites) along with a cash prize of Rs.10, 000.