

Akhil Sanker

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www.akhilsanker.codes 

Undergraduate Student, Having a Strong foundation in Machine Learning and Deep Learning Concepts. Professionally worked as an Analyst, Software Developer. Worked on Developing Frameworks that depend on the Underlying Data.

My area of Focus is “Computer Vision”, I’ve been working on papers and projects about the same. Experienced in Data Manipulation, Visualization, Statistical & probabilistic Modelling. Over the past two years, gained experience in working with all sorts of Data Pipelines.

Ready to Work in Building Statistical Models, Machine Learning Pipelines – Deployment, Data Analytics-Analysis, Business Analysis.

Skills

- Data Structures and Algorithms
- Machine Learning (AI, DL, Frameworks)
- Version Control – Software Development
- Probabilistic and Statistical Modelling
- Data Analytics and Analysis
- Python, JavaScript, C, C++, MATLAB, Html-CSS
- Stock Market Analysis – Business Analysis
- Python and Machine Learning Frameworks
- Natural Language Processing and Computer Vision

Experience

MAY 2020 – AUGUST 2020

Data Analyst / Positive Integers, Chennai 600018

- Performed Day to Day Activities of a Data Analyst. Predictive Analysis, Modelling Data to ensure meaningful insights Extraction.
- Complex Data Mining, Web Scraping, Visualization, Representation of data was performed with Excel Sheets for Business Analysis.
- Letter :- http://bit.ly/pi_letter

AUGUST 2020 – PRESENT

Machine Learning Engineer / Omdena , Omdena.com

- Working on Preventing Online Child Abuse.
- Working for “Save The Children” Organization.
- Part of 67-member team from 27 different Countries.

APRIL 2020 – PRESENT

Microsoft Learn Student Ambassador / Microsoft

- Hosted Webinars and Hackathons.
- Lead and organized teams and managed Events.

APRIL 2020 – PRESENT

AI Researcher / Agrim Lab

- Carry out Research works, Conduct events, take in projects.
- First Student-Run Lab at SRMIST.

JANUARY 2020 – PRESENT

Technical Reviewer/ Packt Publishing

- Reviewed Courses based on Python, Data Analysis, Machine Learning, Node-Red.
- Prepared and reviewed questionnaire for students and course attendees.

JANUARY 2020 – PRESENT

Software Developer/ Freelancing

- Developed Frameworks and Software components that are data-driven and mostly depend upon ML-DL Algorithms.

Education

MAY 2018 - 2022

Bachelor of Technology – CSE(AI-ML) / SRM Institute of Science and Technology, Chennai-600089

- Studying Third year CSE with Specialization in Artificial Intelligence and Machine Learning.
- CGPA: - 9.74

JUNE 2015 - 2017

Higher Secondary - CS / Army Public School , Trivandrum-695006

- Higher Secondary Education in Computer Science with a Percentage of 75.

Licenses and Affiliations

- Microsoft Student Partner – Beta (May 2020)
- Prime Minister's Scholarship Scheme (June 2019)
- International Informatics Olympiad – State 1st (Oct 2015)
- Deep Learning Specialization - DeepLearning.ai
- Machine Learning Specialist – LinkedIn Learning

Relevant Publications and Projects

- **AutoQSAR Algorithm for Anti- Corona Viral Drug Leads**
<https://bit.ly/drugleadscorona>
<https://github.com/reekithak/Covid19-Tool-for-Drug-Discovery>
- **NLP-Based Text Mining Algorithm for Antient Human Understanding**
<https://osf.io/preprints/socarxiv/p4q9c/https://github.com/reekithak/Tool-for-AI-powered-research-in-humanities>
- **Data- Analytics Automation Framework**
<https://github.com/reekithak/Box-Framework-Automation>
- **Graph analysis for Drug Discovery in forming clusters of related drugs for efficient production**

<https://github.com/reekithak/SNA>
- **Compound2Drug – A Machine Learning / Deep Learning Tool for predicting the bioactivity of PubChem Compounds**

<https://github.com/bengeof/Compound2Drug>
<https://doi.org/10.26434/chemrxiv.13052951.v1>

NOTE: -

All Projects and Related-Works are available at my GitHub
<https://github.com/reekithak>