

Shahbaz Khan

Delhi, Delhi

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Data Scientist with 2+ years of experience with designing and developing scalable and generic Machine Learning and Data-Driven solutions across various domains. Proficient in Statistical Analysis and Modeling, building Enterprise-Level Distributed Systems, utilizing Cloud and Business Intelligence tools and services, along with handling Big Data, CI/CD, and DevOps operations. I have fine communication and problem-solving skills, and I thrive in team-based environments.

Work Experience

Artificial Intelligence Researcher

Eindhoven University of Technology - NL

April 2020 to Present

Netherlands

Working as a team of 2, performed R&D around Deep Reinforcement Learning to solve various novel problem statements.

Co-authored a research paper, producing improvements over standard baseline scores by 15%.

Achieved implementation, training, and monitoring of complex algorithms and intricate simulations diminishing algorithm complexity by more than 30%.

Data Science Intern

Precily AI

March 2018 to Present

India

Developed state-of-the-art solutions for various NLP problems, with greater than 80% improvements in task precision and time efficiency.

Built a pipeline for an Automatic Learning Platform (AutoML), reducing manual effort and boosting experimental and production convenience.

Designed a context-based search engine for documents and queries, with fetch scores greater than 70%.

Machine Learning Intern

Cognera Inc

August 2019 to October 2019

India

Handled mining and cleaning of large volumes of data, optimizing pipelines to work faster by a factor of at least 25%.

Built highly scalable and generic deep learning models for complex tasks, achieving scores higher than 70%.

Researched and implemented relevant papers, while experimenting with various cutting-edge architectures reproducing their results on said problems with less than 10% difference in final scores.

Education

B.Tech in Computer Science

SRM Institute of Science and Technology

July 2017 to May 2021

Sunbeam School Varuna

April 2014 to April 2015

Skills / IT Skills

- Python JavaScript Machine Learning Deep Learning Natural Language Processing Reinforcement Learning Computer Vision TensorFlow PyTorch Cloud Computing (AWS/GCP/Azure) PostgreSQL MongoDB Node.js Docker/Kubernetes Big Data Spark CI/CD

Online Profile

<http://github.com/thehawkgriffith>

<http://kaggle.com/thehawkgriffith>

<http://linkedin.com/in/theshahbazkhan>