SUDHAKARAN JAIN

@ sudhakaran.cj@gmail.com

sudhakaranjain.github.io

github.com/sudhakaranjain

in linkedin.com/in/sudhakaran-jain

EXPERIENCE

Junior Machine Learning Engineer Slimmer Al

September 2021 - Present

♀ Groningen

- Applying machine learning techniques to solve real-world computer vision problems.
- Brainstorming and experimenting novel custom solutions which is better than but inspired from existing solutions.
- Actively participating in company's AI fellowship research program, exploring various AI modalities. Proposed and worked on research project topics involving NLP, Speech Synthesis, Multi-modal learning.

Machine Learning Intern

Breeze

February 2021 - August 2021

Delft

- Researched and enhanced reciprocal recommendation algorithm by integrating machine learning techniques.
- Developed deep learning models for predicting attractiveness, detecting facial occlusions, pose-estimation, etc.
- Worked extensively on transfer learning, feature extraction, fine-tuning as well as building the complete pre-processing step required.

Graduate Teaching Assistant

University of Groningen

September 2019 - January 2020

♀ Groningen

• Courses: Statistics for AI and CS (B.Sc), Pattern Recognition (M.Sc)

Assistant System Engineer

Tata Consultancy Services

M October 2016 - June 2018

Mumbai

• Worked as SAP ABAP (OpenSQL) developer for an Indian Retail client

RESEARCH PROJECTS

Image Inpainting

University of Groningen

math April 2018 - June 2019

♀ Groningen

• Comparative study of cGAN and U-Net implemented to reconstruct missing parts of face images. Trained and tested these networks on a dataset of celebrity faces.

PUBLICATIONS

3D_DEN: Open-ended 3D Object Recognition using Dynamically Expandable Networks

IEEE Transactions on Cognitive and Developmental Systems

March 2020 - November 2020

♀ Groningen

• M.Sc Thesis: A neural network model that can keep on learning to recognize new 3D object classes without catastrophically forgetting known ones. The model is expanded dynamically with more neurons and trained when accuracy falls below a threshold.

EDUCATION

Master of Science (Artificial Intelligence) University of Groningen

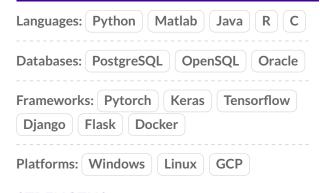
September 2018 - November 2020

Bachelor of Engineering (Computer Science) **University of Mumbai**

🛗 August 2012 – May 2016

♀ India

TECHNICAL SKILLS



STRENGTHS

Machine Learning Deep Learning
Reinforcement Learning Data Science
Pattern Recognition Computer Vision
Operating Systems NLP
Data Structures & Algorithms
Database Management Systems

CERTIFICATIONS

Oracle database 11g: SQL fundamentals I

Oracle

Industry Integrated Android Programming-Level 1
Suven Consultants & Technology Pvt Ltd

Ctober 2014

Mumbai

OTHER INFORMATION

English Hindi Dutch

Nationality: Indian

EU Residence: The Netherlands

