SUDHAKARAN JAIN

Algorithmist & Dream Chaser

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EXPERIENCE

Teaching Assistant
University of Groningen

📅 September 2019 – Present   📍 Groningen

- Course: Statistics for AI and CS
- Work includes teaching exercises, invigilation during exams and correcting assignments as well as exam papers.

Assistant System Engineer
Tata Consultancy Services

📅 October 2016 – June 2018   📍 Mumbai

- Worked as SAP ABAP developer for an Indian Retail client
- Gained good exposure to SQL related activities
- Worked extensively on ALV, Smartforms, IDOCs and Modularization techniques
- Used debugging tools to debug SAP Standard programs

Course Instructor - Linux Administration
Don Bosco Institute of Technology

📅 October 2015 – March 2016   📍 Mumbai

PROJECTS

Image Inpainting using cGAN and U-Net
University of Groningen

📅 April 2018 – June 2019   📍 Groningen

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

Comparing Reinforcement Learning Algorithms
University of Groningen

📅 November 2018 – January 2019   📍 Groningen

- Comparison betweeen performances of CACLA and SPG Reinforcement Learning algorithms on BipedalWalker-v2 environment from OpenAI Gym platform.

Handwriting Recognition
University of Groningen

📅 April 2019 – June 2019   📍 Groningen

- Automated handwriting recognition system for Hebrew scripts.

Robotics for AI
University of Groningen

📅 November 2018 – January 2019   📍 Groningen

- Made a mobile domestic service robot to navigate in an unknown environment, approach a table, recognize objects and grasp a specific one.

LIFE PHILOSOPHY

'No matter how good you are at something, there's always someone better than you.'

TECHNICAL SKILLS

Python   Matlab   Java   R   C

Android SDK   SQL   SAP ABAP

Keras   Tensorflow

Windows   Linux

STRENGTHS

Machine Learning   Deep Learning

Algorithm Design   Data Science

Database Management

Perfectionist   Honest   Sincere

CERTIFICATIONS

Oracle database 11g: SQL fundamentals I
Oracle

📅 September 2015   📍 Mumbai

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

📅 October 2014   📍 Mumbai

EDUCATION

M.Sc. in Artificial Intelligence
University of Groningen

📅 Sept 2018 – June 2020

B.E. in Computer Science
Mumbai University - Don Bosco Institute of Technology

📅 Aug 2012 – May 2016
CGPI: 7.82/10

B.E. Project - Pratibhojana

Don Bosco Institute of Technology

📅 August 2015 – May 2016   📍 Mumbai

- System that recommends users with nutrition rich meal plan based on their biomedical data.
- Voice based alarm to remind users about their meal plan.