

SUDHAKARAN JAIN

Algorithmist & Dream Chaser

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EXPERIENCE

Graduate 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 between 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.

LANGUAGES

English
Hindi
Tamil

