



Georgia Institute of Technology

Mar 17, 2019

Yashveer Jain

has successfully completed

Control of Mobile Robots

an online non-credit course authorized by Georgia Institute of Technology and offered
through Coursera

Magnus Egerstedt
Professor
School of Electrical and Computer Engineering
College of Engineering
Georgia Institute of Technology

COURSE
CERTIFICATE



Verify at coursera.org/verify/6D66M84CGJ97

Coursera has confirmed the identity of this individual and their
participation in the course.



5 Courses

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models



Mar 9, 2019

Yashveer Jain

has successfully completed the online, non-credit Specialization

Deep Learning

The Deep Learning Specialization is designed to prepare learners to participate in the development of cutting-edge AI technology, and to understand the capability, the challenges, and the consequences of the rise of deep learning. Through five interconnected courses, learners develop a profound knowledge of the hottest AI algorithms, mastering deep learning from its foundations (neural networks) to its industry applications (Computer Vision, Natural Language Processing, Speech Recognition, etc.).

Adjunct Professor
Andrew Ng
Computer Science

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
coursera.org/verify/specialization/UF4CMD4RW3RQ



MANIPAL UNIVERSITY
JAIPUR

MANIPAL NAVONMESH-2019

Certificate of Achievement

This is to certify that

Yashveer Jain

has won First Prize in 'Manipal Navonmesh : Project Exhibition' on
November 13, 2019 organized by Directorate of Entrepreneurship Cell and School of Automobile,
Mechanical and Mechatronics Engineering, Faculty of Engineering, Manipal University Jaipur.

Prof (Dr) Jagannath Korody
Dean, Faculty of Engineering
Manipal University Jaipur

Prof (Dr) Vijaypal Singh Dhaka
Director, E-Cell
Manipal University Jaipur

Prof (Dr) Shiva Prasad H C
Director, SAMM
Manipal University Jaipur

Date: 25-05-2020

To Whomsoever It May Concern

It is my pleasure to recommend one of my best students, **Mr. Yashveer Jain**, into your research internship. I have known Yashveer for 4 months during his undergraduate studies at Manipal University, Jaipur, India. Presently, he is doing a project on obstacle avoidance in unmanned surface vehicles under my guidance.

As a student, Yashveer has always displayed a tremendous amount of interest. He is a hard worker, a very attentive and disciplined student, and his intellectual curiosity is admirable. His unwavering attention allows him to understand the minutest of the problem statement of the project which further aids in getting the better approach in the project. Yashveer has always been sincere and punctual with deadlines. He has a sublime set of problem-solving skills which is evident in his work. Besides this, I asked about him to Prof. V S. Dhaka, my colleague at Manipal University Jaipur in ICICV 2020 (International Conference on Innovations in Computational Intelligence and Computer vision) organised at Manipal University Jaipur, where he was in the organising committee. He has professional speaking skills and has excellent communication skills, which were very well portrayed in the conference. This depicts his all-round personality and management between the academia and extra-curricular, that is praiseworthy.

Based on my experience, I am confident that he will make an exceptional addition to your distinguished research community, and recommend that you accept him.

I wish him all the success in his future research endeavours.



Ramesh Chandra Poonia, PhD

Postdoctoral Researcher

Cyber-Physical Systems Laboratory, Department of ICT and Natural Sciences

NTNU - Norwegian University of Science and Technology, Ålesund, Norway

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<https://www.ntnu.edu/employees/ramesh.chandra>

Web: <https://rameshpoonia.com/>

Certificate of Internship

This certificate is awarded to

Mr. Yashveer Jain

In appreciation for your outstanding accomplishments for responsibility and Innovation as intern at **OMAX Autos Limited, Innovomax (Research & Development)** Department from **29th May 2019 to 20th July 2019** in partial fulfilment of Bachelor of Engineering in Mechatronics from Manipal University, Jaipur.

The project titled "**Automation inspection of holes through machine vision**" was completed under the leadership of Mr. Ram Mohan (Chief Technical Advisor).

Give this 1st day of June 2019 at OMAX Autos Limited, Corporate Office, Gurgaon



Mr. Deepak Bhasker
Group CHRO



Mr. Ram Mohan
Chief Technical Advisor



Jul 10, 2019

Yashveer Jain

has successfully completed

Python Data Structures

an online non-credit course authorized by University of Michigan and offered through
Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/9XQWN7D57MSU

Coursera has confirmed the identity of this individual and their
participation in the course.



Infosys
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Certificate of Participation

This certificate is awarded to

YASHVEER JAIN from MANIPAL UNIVERSITY

for active and invaluable participation in **Techzooka 2019** held on 18th Dec 2019
at **Infosys Limited, Jaipur Development Centre**

Somesh Gupta
DC Head, Infosys Limited,
Jaipur



Vikram award
Runner-Up

We award this certificate to

Yashveer Jain

for his project

'Search and rescue drone'

Date: 19th November 2019



Signature





SWAAYATT ROBOTS

Sanjeev Sharma, Founder and Director

Certificate of Internship

Date: May 23, 2020

Company CIN: U72200MP2015PTC034222

To whom it may concern,

This is to certify that Yashveer Jain interned at Swaayatt Robots for the duration of January 22 – May 23, 2020, fulfilling all the terms of agreement for an internship at Swaayatt Robots. The topic of the internship was in computer vision, deep learning, and visual odometry.

During his internship, Yashveer explored several algorithms in computer vision and tracking like reverse optical flow, extended Kalman filter and particle filter. Yashveer also explored both the traditional and deep learning based visual odometry pipelines. In particular, he read and understood the UnDeepVO paper and was able to implement it successfully. During the internship, he also read several other research papers to understand the components of a traditional visual odometry pipeline and understand how the ideas fit into the deep (supervised / unsupervised) visual odometry frameworks.

Yashveer proved himself to be a hard worker over the internship. I am very impressed by his enthusiasm, dedication and ability to read and understand fairly mathematical research papers and implement them. He has been a team player since the day he arrived and finished whatever task assigned to him without any hesitation. His enthusiasm to work and explore more has really impressed me. I wish him all the best in his future endeavours.

Sincerely,
Sanjeev Sharma, Founder and Director
Swaayatt Robots Pvt. Ltd.

Email: sanjeevsharma@swaayatt-robots.com; sanjeev.sharma.iitr@gmail.com

Phone: (+91)755-2980307; (+91) 8989715787

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