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Jan 14, 2021

Garvit Joshi

has successfully completed

Getting Started with Tensorflow.js

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Charles Niswander

Charles Ivan Niswander II
Subject Matter Expert
Freedom Learning Group

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Mar 18, 2021

Garvit Joshi

has successfully completed

Web Scraping with Python + BeautifulSoup

an online non-credit course authorized by Deprecated Guided Projects and offered through Coursera

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Mar 18, 2021

Garvit Joshi

has successfully completed

Game-Theoretic Solution Concept with Spreadsheets

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Barsha Saha

Barsha Saha
PhD Scholar, Game Theorist

Jan 10, 2021

Garvit Joshi

has successfully completed

Tensorflow Neural Networks using Deep Q-Learning Techniques

an online non-credit course authorized by Deprecated Guided Projects and offered through Coursera

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COURSE
CERTIFICATE

Jan 11, 2021

Garvit Joshi

has successfully completed

Create an interactive fiction adventure game with
Python

an online non-credit course authorized by Coursera Project Network and offered through
Coursera

Angelo Paolillo
Digital consultant - Director
Cleerup.com

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COURSE CERTIFICATE

Jan 12, 2021

Garvit Joshi

has successfully completed

Create your own Sudoku Solver using AI and Python

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Ahmed Elhelow

Ahmed Elhelow
Teaching Assistant
Computer Science

coursera
project network

**COURSE
CERTIFICATE**

Mar 18, 2021

Garvit Joshi

has successfully completed

Transfer Learning for NLP with TensorFlow Hub

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Snehan Kekre
Instructor
Machine Learning and Data Science

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CHAMELI DEVI GROUP OF INSTITUTIONS

• Approved by AICTE, New Delhi • Recognized by DTE, Bhopal • Affiliated to RGPV, Bhopal and DAVV, Indore

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Fax : 0731-4243620 • E-mail : cdgi_indore@cdgi.edu.in • Website : www.cdgi.edu.in

www.cdgi.edu.in

Letter of Recommendation

To Whomsoever It May Concern

It is a pleasure to put forth this recommendation for **Garvit Joshi** whom I am Teaching. He can work well in a multicultural team and can speak multiple languages like English, German, Spanish, and Hindi.

He is an excellent researcher and had a learns very quickly. I am currently overlooking his internship and research on mathematical and astrophysical topics with the help of AI and Deep Learning. I have observed that he is a very efficient coder and exceptional at coding.

I was an early stage reviewer in his Imagine Cup Project that made it to world finals in Seattle US and I observed that he never gave up despite facing many problems and that how he was able to develop and modify the mathematical module based on a research paper.

His most commendable traits are that he never quits and manages time very efficiently. Thus, I believe that he is an ideal candidate for studying at you esteemed university.

This will greatly help him on his path to success. So, I strongly urge you to favourably view his application. Please feel free to contact me with any additional questions you may have regarding him.

DR. CNS Murthy

Director

Chameli Devi Group of Institutions

director@cdgi.edu.in
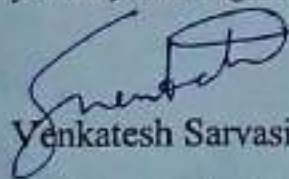
Letter of Recommendation

To Whomsoever It May Concern

It is a pleasure to put forth this recommendation for **Garvit Joshi** whom I am mentoring during his tenure as an MSP. He is a passionate and optimistic person and can work well in a multicultural team and can speak multiple languages like English, German, Spanish and Hindi.

He has taken multiple technical workshops and has conducted various events in MSTC technical community in Indore, India on AI and Deep Learning. I mentored his team 3 Alchemists who went for Microsoft Imagine Cup World Finals. In it, he worked on the deep learning module for diagnosis of Alzheimer's in patients and also created an LSTM based generative module and is currently doing research on Microsoft project catapult. His project which is being funded by the state government of M.P, India got selected in top 100 startups for StartupIstanbul 2017 and I am mentoring and preparing his team for the same.He is currently an intern at IIT Indore in the department of astrophysics and works on projects based on ML and Deep Learning.

His most commendable traits are that he never gives up, He is filled with curiosity, Helearns Quickly, has a knack for research and likes converting theoretical knowledge to practical models. Thus,I believe that he is an ideal candidate to study at your prestigious University.

A Master's Degree will greatly help him on his path to success and so I strongly urge you to favourably view his application. Please feel free to contact me with any additional questions you may have regarding him.

Venkatesh Sarvasiddhi

Head-Academics Initiatives &

Microsoft Innovation centre

vsarva@microsoft.com

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Fax : 0731-4243620 • E-mail : cdgi_indore@cdgi.edu.in • Website : www.cdgi.edu.in

www.cdgi.edu.in

Letter of Recommendation

To Whomsoever It May Concern

It is a pleasure to put forth this recommendation for **Garvit Joshi,** whom I am have been Teaching for past 3 years. He is quite a prismatic person and has a passion for research. I have observed that he never gives up and that his major focus is on practical implementations of the theoretical problems. He is fluent in English, German, Spanish and Hindi.

His Team 3Alchmists stood second in India National Finals of Imagine Cup 2017 and represented India in World Finals at Seattle USA. His role in the project was the development of AI-based algorithms and mathematical modelling in python and I mentored him for the same.

He created a Start-up that was based on Computer Vision and he developed the algorithm for the same. This start-up was selected among top 100 start-ups of Europe and Asia and presented at Istanbul.

I am currently his guide and I help him in his current research on FPGAs and high-performance computing on Microsoft Project Catapult.

Thus, I believe that he is an ideal candidate for studying at you esteemed university. This opportunity will greatly help him in his research career. So, I strongly urge you to favourably view his application. Please feel free to contact me with any additional questions you may have regarding him.

Romil Rawat

Assistant Professor

Department of Computer Science and Engineering

Chameli Devi Group of Institutions

rawat.romil@gmail.com

ImagineCup ✕

Microsoft

National Finalist

This certificate is presented to:

Garvit Joshi

Nebula-7

Congratulations and thank you for your hard work and dedication as a National Finalist in Imagine Cup India National Finals 2016. You are now a part of an elite international community of students who have shown remarkable creativity and innovation to push technology forward.

Narendra Bhandari
General Manager, Developer Experience & Evangelism
Microsoft Corporation India Pvt. Ltd.

Imagine Cup

THIS CERTIFICATE IS PRESENTED TO:

Garvit joshi
3alchemists

Congratulations and thank you for your hard work and dedication as a competitor in Imagine Cup 2017. You are now part of an elite international community of students who have shown remarkable creativity and innovation to push technology forward

venkatesh sarvasiddhi
Head-Academic initiatives
Microsoft india

Microsoft

CELEBRATING 15 YEARS OF AWESOME

01010100010101010101010001000000000000010101000100001

Certificate

Participation

This Certificate is awarded to

Garvit Joshi

of team

Project 13

for participating in

'Smart India Hackathon, 2017'.

SMART INDIA HACKATHON '17

WORLD'S BIGGEST DIGITAL MOVEMENT

Dr. Anil Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2017

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee,
Smart India Hackathon 2017

Rajiv Mishra
Nodal Officer

Shri Vinay Sahasrabuddhe
Vice Chairman, Rambhau Mhalgi Prabodhini
Mentor, Smart India Hackathon 2017

Dr. Arun Jamkar
President, MC

MOFPI
MINISTRY OF FOOD PROCESSING INDUSTRIES
GOVERNMENT OF INDIA

CERTIFICATE OF PARTICIPATION

This certificate is proudly awarded to

Mr. Garvit Joshi

Affiliation: CDGI,indore,M.P, India

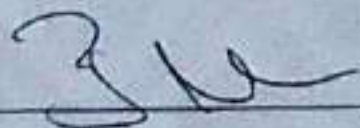Who has presented a paper in the 2017 International Conference on Vision, Image and Signal Processing (ICVISP 2017)

Held at

Osaka, Japan, September 22-24 2017.

Paper ID: P004

Paper Title:Prediction of Probability of Crying of a Child and system formation for cry detection and financial viability of the system

_____
Session Chair

_____
Conference Chair

Compendex on
Engineering Village

ICVISP 2017

IASED
www.iased.org

June 22, 2017

To: U.S. Consulate/Embassy: Non-Immigrant Visa Section
        U.S. Customs and Border Protection

Re: Application for Admission to the United States of America in Business Visitor
        Status

        Applicant: Garvit Joshi
        Passport Number: India - Z3652283

        Regulatory Authority: 9 *Foreign Affairs Manual*, 22 C.F.R. §41.31, Notes 4, 5, 6 & 8

Dear Sir/Madam:

Founded in 1975, Microsoft is the worldwide leader in software, services and hardware that deliver new opportunities, greater convenience, and enhanced value to people's lives. Microsoft develops, licenses, and supports a wide range of software products and services, by designing and selling hardware, and by delivering relevant online advertising to a global customer audience. The corporation produces software in over 40 languages and has operations in more than 100 countries. Microsoft employs approximately 114,000 individuals worldwide, including about 63,000 US workers, primarily at its corporate headquarters in Redmond, Washington. Revenues for the fiscal year ending June 2016 were $85.32 billion with net earnings of $16.798 billion.

This letter is written in support of Garvit Joshi's application for admission to United States of America (hereafter U.S.) as a business visitor. Microsoft Corporation has invited Garvit Joshi to attend the Imagine Cup World Finals in Seattle, WA from July 23, 2017 to July 26, 2017. Now in its 15th year, Imagine Cup provides students from all over the world the opportunity to develop 21st century skills, launch their careers, take their first steps as entrepreneurs and gain invaluable experience in cross-cultural collaboration. We expect Garvit Joshi's stay to be the duration of the event plus a day or two on either end to accommodate travel. Microsoft Corporation will be responsible for Garvit Joshi's lodging, meals, airfare and transportation during this temporary stay in the United States.

MICROSOFT HAS SUPPORTED THE ISSUANCE OF THIS DOCUMENT SOLELY ON THE BASIS OF SPECIFIC REPRESENTATIONS MADE BY THE TRAVELER ABOUT THE BUSINESS PURPOSE AND ITINERARY OF THE TRIP. TO THE EXTENT THAT THE TRAVELER DEVIATES FROM SUCH ITINERARY OR PURPOSE, MICROSOFT DOES NOT SUPPORT ANY SUCH DEVIATION OR RELATED ACTIVITIES.

Sincerely,

Jennifer Ritzinger
Senior Director, Audience Evangelism
Direct dial: 425.703.7727

Certificate of Participation

is hereby given to

Mr. Garvit Joshi

For successfully completing training program on _AI and Robotics_

conducted at Chameli Devi Group of Institutions, Indore

from _7th Sept'15_ to _14th Sept'15._

CodePixel Inc.
(Authorized Signatory)

Microsoft

Certificate of
Excellence

Gaurif Joshi

Recognising your passion and contribution
towards Microsoft Student Community during
MSP Summit 2017 held at BITS Pilani.

VENKATESH SARVASIDDHI
Head-Academic Initiatives
Microsoft India

NATIONAL CONFERENCE

ON

CONTEMPORARY COMPUTING

21st & 22nd October 2016

Organized by

Chameli Devi Group of Institutions, Indore

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Prof/Dr./Ms./Mr. _GARVIT JOSHI_ of

Chameli Devi Group of Institutions has

participated in the National Conference on "Contemporary Computing (NC3-2K16)" held on 21ˢᵗ and 22ⁿᵈ October 2016,
at Chameli Devi Group of Institutions, Indore (M.P.)

He/ She also chaired a session /delivered an invited talk /presented a paper entitled _Application of_
Genetic Algorithm in prediction of congenital disease in
unborn child caused by virus (ZIKA virus)

Prof. Sunil Kumar Kotiya
Convener

Dr. CNS Murthy
Dean, CDGI

Technical Sponsors

Excellent Oral Presentation Certificate

2017 International Conference on Vision, Image and Signal Processing (ICVISP 2017)

This is to certify that..........Gaurav Joshi..............was awarded the Best Student Paper for his/her paper titled:

Prediction of Crying of a Child and System formation for detection......

at the ICVISP 2017 conference which was held on 22-24 September 2017 in Osaka, Japan.

Conference Chair

ICVISP 2017

IASED
www.iased.org

The International Academy of Science and Engineering for Development

Session Chair

■■ Microsoft

Machine Learning & Data Sciences Conference

August 8-9, 2016

Certificate of Participation [HACKATHON]

This is to certify that

Garvit Joshi

participated in the hackathon at the Machine Learning & Data Sciences Conference held by Microsoft on August 8-9, 2016, at Bangalore, India.

Anil Bhansali

Managing Director, Microsoft India R&D Private Limited

An initiative by

MILLION MINDS

THE STARTUP LEAGUE
2017-18

Certificate
OF APPRECIATION

Pranit Joshi

for winning the Indore chapter of The Startup League,
organised by Millionminds, under the patronage of **Startup India**,
during the academic year 2017-18.

Director, Millionminds

Head, PIEMR

DIRECTOR
Prestige Institute of Engineering
Management & Research, Indore

PIEMR

R DOT VENTURES

Microsoft

Certificate of Participation

Is hereby given to

GARVIT JOSHI

For successfully completing Embedded System (IOT) with web designing by Python training program

Conducted at :
CDGI, Indore (M.P.) INDIA

From :
27th April 2016 to 5th May 2016

R. Bhargava
Founder - R Dot Ventures

Robotics & Computer Applications
Institute Of USA

Technophilia

CERTIFICATE OF EXCELLENCE

E717B575

This is to certify that **Mr. Garvit Joshi** *has successfully completed Cloud Computing, a workshop conducted by Technophilia Systems, in association with Robotics & Computer Applications Institute of USA, held at Chameli Devi Group of Institutions, 19th & 20th September 2014. The final round of International Challenge for Artificial Inteligence & Networking will be conducted online by RCAi-USA with teams competing from over 22 countries.*

In this workshop the student has learnt the concepts which prove to be the basic building blocks of Cloud Computing. The participant has successfully developed and deployed different cloud based apps like creating virtual machines, launching instances, designing and hosting websites etc using Google App Engine, Amazon Web Services (AWS) & Windows Azure cloud.

AUTHORIZED SIGNATORY

USING THE ABOVE BARCODE KEY, YOU CAN VERIFY THE AUTHENTICITY OF THIS CERTIFICATE ON WWW.TECHNOPHILIA.CO.IN/CERTIFICATE.ASPX