Verified
Certificate

ETHzürich

This is to certify that

Rajendra singh

successfully completed and received a passing grade in

AMRx: Autonomous Mobile Robots

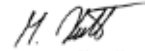a course of study offered by ETHx, an online learning initiative of ETH Zurich.

Roland Siegwart
Professor
Autonomous Systems Lab, ETH Zurich

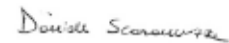**Marco Hutter**
Assistant Professor
Robotic Systems Lab, ETH Zurich

Margarita Chli
Assistant Professor
Vision for Robotics Lab, ETH Zurich

Davide Scaramuzza
Professor
Robotics and Perception Group, University of Zurich

Martin Rufli
Lecturer
Autonomous Systems Lab, ETH Zurich

edX
Valid Certificate ID
e0afc4c2fa9a45149529d4525b451de8

Certificate of Completion
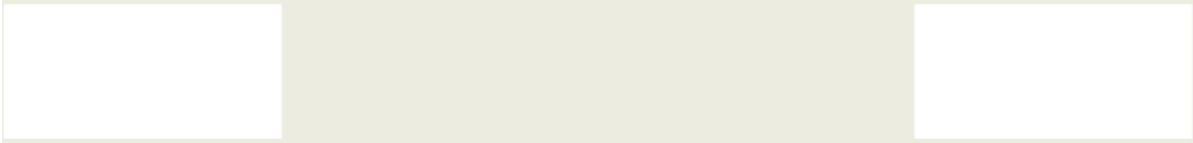
Rajendra Singh

is awarded this certificate as a recognition for successfully completing the

Digi Essentials Challenge on

Data Science

August 08, 2021

Certificate of Completion

Rajendra Singh

is awarded this certificate as a recognition for successfully completing the

Digi Essentials Challenge on

IoT

August 16, 2021

Certificate of Completion

Rajendra Singh

is awarded this certificate as a recognition for successfully completing the

Digi Essentials Challenge on

ML

August 08, 2021

Certificate of Completion

Rajendra Singh

is awarded this certificate as a recognition for successfully completing the
Digital Essentials Challenge on
AI
August 04, 2021

Certificate of Achievement

This is to certify that

Rajendra Singh

has successfully completed

Digi Essentials Certification

October 06, 2021

Global Head- Talent and
Organizational Transformation

UPSCALE 21
The Journey Before Starting Up

◆IEEE

CERTIFICATE
of ACHIEVEMENT

THIS IS TO CERTIFY THAT

RAJENDRA SINGH

IIT PALAKKAD

HAS ACQUIRED

FIRST

IN

UPSCALE'21

ORGANISED BY

IEEE SB GEC PALAKKAD

IN ASSOCIATION WITH

IEEE PIE KERALA SECTION, IEDC GECPKD, TBI GECPKD AND KSUM

CONDUCTED FROM

7th December 2021

Dr. Vinita Chellappan
Counselor
IEEE SB GEC PALAKKAD

Aswathi M
Chairperson
IEEE SB GEC PALAKKAD

IEEE STUDENT BRANCH
GEC PALAKKAD

IEEE
Promotion of
Innovation and
Entrepreneurship

IEDC
GEC PALAKKAD

IPL
INNOVATORS'
PREMIER
LEAGUE

tbi
technology
Business
incubator

U ·
S T

Budding Leaders Program (BLP) – a Servant Leadership program

CERTIFICATE OF COMPLETION

Rajendra Singh

has completed the program on **Budding Leaders Program (BLP) – a Servant Leadership program**
conducted by the **HR - Leadership Development Team**
at UST on 07-12-2021.

Dr Madana Kumar
Global Head - Leadership Development, UST

CERTIFICATE

OF COURSE COMPLETION

THIS IS TO CERTIFY THAT

Rajendra Singh

has successfully completed the course on "Git & GitHub" of duration 8 weeks.

Sandeep Jain

Mr. Sandeep Jain
Founder & CEO, GeeksforGeeks

https://media.geeksforgeeks.org/courses/certificates/6cf097a3cc4f3b0b3954508661b978f7.pdf

GeeksforGeeks

www.geeksforgeeks.org

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

OpenCV for Python Developers
Course completed on Jan 11, 2020 at 08:15AM UTC • 2 hours 35 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AdZlKtvx7pmQinm1i7g5_Cwb2G3s

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

UiPath Essential Training

Course completed on Jan 12, 2020 at 06:46AM UTC • 3 hours 11 min

By continuing to learn, you have expanded your perspective, sharpened your
skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: ATgzHxHfWiSGYgAiLrfihT8SV05lb

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

Machine Learning & AI Foundations:
Linear Regression

Course completed on Jan 12, 2020 at 06:13AM UTC • 3 hours 57 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AZYdoPuZx6EsSeEDdfPBXeoYXaNu

Linked **in** LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

Leveraging Cloud-Based Machine Learning on Azure: Real-World Applications

Course completed on Jan 12, 2020 at 06:31AM UTC • 1 hour 31 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AUbV4cfTWh2ZNrNmORyIkOHrSIaU

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

Introduction to Deep Learning with OpenCV
Course completed on Jan 11, 2020 at 07:41AM UTC · 49 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: Aa2jBCUzC-xkRR8WC1fgpKYg8clh

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

Introduction to Data Structures & Algorithms in Java

Course completed on Oct 15, 2021 at 10:23AM UTC • 4 hours 56 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

Essential Math for Machine Learning:
Python Edition

Course completed on Jan 11, 2020 at 08:01AM UTC • 1 hour 48 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

[signature]

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AXibz1N4XdJtdWIfL9slC5W7LjZ1

Linked in **LEARNING**

Certificate of Completion
Congratulations, Rajendra Singh

Enhancing Images with Artificial Intelligence (AI)

Course completed on Jan 12, 2020 at 06:08AM UTC • 3 hours 1 min

By continuing to learn, you have expanded your perspective, sharpened your
skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

Designing for Neural Networks and AI Interfaces
Course completed on Jan 11, 2020 at 08:08AM UTC • 24 min

By continuing to learn, you have expanded your perspective, sharpened your
skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AUvaGHLG6tMBUfnNuHYwy8sGbcdZ

Linked **in** LEARNING

Certificate of Completion

Congratulations, Rajendra Singh

Deep Learning: Image Recognition

Course completed on Jan 11, 2020 at 08:13AM UTC • 1 hour 43 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

Artificial Intelligence Foundations: Thinking Machines

Course completed on Jan 11, 2020 at 07:38AM UTC • 1 hour 27 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dan Brodnitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

COURSE COMPLETION

Linked in LEARNING

Certificate of Completion
Congratulations, Rajendra Singh

Advanced Python
Course completed on Jan 12, 2020 at 06:24AM UTC • 2 hours 27 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dave Bobinitz

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AU_Dt51VX6e-A9EEZUgcoXqvrl4p

1st International Conference on Drones in Development
CERTIFICATE OF ATTENDANCE

This is to certify that

Rajendra Singh

Attended the 1st International Conference on Drones in Development, held on December 9 and 10, 2021. This virtual conference aims to highlight the work of trail-blazing changemakers in the global drone industry who are actively advancing use of drones in development. The Conference had participants from over 30 countries and created highly valued knowledge-sharing and networking opportunity for the delegates.

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Robotics

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Labs

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AERONAVES NO TRIPULADAS

Conference Chair

Dr Ruchi Saxena
December 11, 2021

Kaizen Robotics Program
Course Completion Certificate
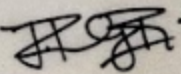
ADVANCED

RAJENDRA SINGH

pursuing B.E/B.Tech Computer Science Engineering at Indian Institute Of Technology, Palakkad has successfully completed the Kaizen Robotics Program – Advanced, conducted at IIT Madras Research Park between 5th December and 10th December, 2017.

He was a part of a team that successfully built the following robots:

1. Manually Controlled Robot
2. Gesture Controlled Pick and Place Robot
3. Computer Controlled Robot using Wireless Communication
4. Maze Solving Robot
5. Intelligent Maze Solving Robot using Shortest Path Algorithm

All the robots were built using ATmega16 in the Arduino Platform.

Pawan Gnana Raj
Team Lead, Lema Labs

Kaizen Robotics Program
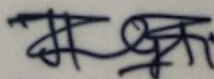## Course Completion Certificate

RAJENDRA SINGH

pursuing B.E/B.Tech Computer Science Engineering at IIT PALAKKAD, KERALA has successfully completed the Kaizen Robotics Program conducted at IIT Madras Research Park between 27th November - 3rd December 2017.

He was part of a team that successfully built these robots in the course

1. Simple Line Follower Robot
2. Obstacle Avoider Robot (ATmega 16)
3. Table Top Robot
4. Analog to Digital Conversion Based Robot
5. Pulse Width Modulated Robot
6. PC Controlled Robot

All the robots were built with Atmega16 microcontroller using Embedded C.

Pawan Gnana Raj
Team Lead, Lema Labs

Certificate of Completion

This is to certify that Rajendra Singh successfully completed 9.5 hours of Deep Learning: Advanced Computer Vision (GANs, SSD, +More!) online course on Jan. 15, 2020

Lazy Programmer Inc.

Lazy Programmer Inc., Instructor

&

ひ Udemy

#BeAble