# MOHAMMAD ALI KHAN

## B.tech (COMPUTER SCIENCE & ENGINEERING)

Effective at supporting team needs with high-quality code, subject matter expertise and collaboration skills. Skilled programmer and complex problem-solver experienced in Deep Learning, web development and Programming.

## Work History

**2018-08 - Current**

### CEO & Founder
*Fusion Era Technologies*
- Conducted research on emerging trends within industry and developed prototypes.
- Developed Model for a better Education Ecosystem for Society.
- Met with Investors at GITEX ( Gulf Information Technology Exhibition ) in Chennai.

**2020-05 - Current**

### Webinar Series on Deep Learning
*SRM IST*
- Helped hundreds of students by Online Webinar Series , Live Hands on Sessions and Text based Content on Deep Learning and Basic Programming.

**2018-11 - Current**

### Python Devloper
*Freelance*
- Modified and corrected codes for better performance.
- Created Website for Industries using Django web framework.
- Implemented Machine Learning algorithms and Deep Learning Models using Pytorch on various Projects.

**2020-05 - 2020-05**

### Internship
*Bright Chemical Works , Khargone, MP*
- Helped in Web Development and Machine Learning Projects.

**2019-09 - 2019-09**

### Ranked 7th in Healthcare Domain at IEEE Hackathon
*SRM IST*
- Developed Skin Cancer Classifier using Deep Learning and implemented using website.

**2020-03 - 2020-03**

### Event Organizer
*Valeo & SRM IST, Chennai, TN*
- Managed administrative logistics of events planning, including contract signing, fee collection, event booking and event promotions.

**2018-07 - Current**

### Active Participant in Lean Six Sigma Community
*SRM IST*
- Spread awareness on Lean Six Sigma to hundreds of Students.
- Managed community within established cost constraints.
- Planned and executed promotional activities to drive community engagement and increase occupancy numbers.
- Streamlined operations by communicating efficiently with Trainers and Professors for internal collaboration.

## Projects

- **Image segmentation for self driving car**
- **Hand Gesture Controlled Robotic Arm**
- **Skin Cancer Classifier using CNN**
- **Security surveillance drone**
- **Handwritten Digit Recognition**
- **Pong and Snake Game Using Pygame**
- **Simple Level Design in UNITY Engine**

## Contact

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### PROGRAMMING

| | |
|---|---|
| Python | ●●●●● |
| C++ | ●●●●○ |
| HTML & CSS | ●●●○○ |
| SQL | ●●○○○ |

## Skills

- **Machine Learning & AI**
- **Linux**
- **Git**
- **Django**
- **Flask**
- **MongoDB**
- **Data Structures and Algorithms**

## Strengths

- **Committed to life long learning**
- **Reliable and consistence**
- **Team Building**
- **Fast learner**
- **Application skills**

## CERTIFICATES

- UCLA BRUIN MUN
- Shishukunj MUN
- IIMUN ( Organizer )
- Lean Six Sigma Yellow Belt
- Visual Perception for Self-Driving Cars (coursera) Credential ID :- Q2WZQ9YGMDSC
- Deep Learning ( GUVI )

## Education

**2018-07 - Current**

### B.tech in Computer Science & Engineering
*SRM Isntitute Of Science And Technology (CGPA 7.5) - Kattankulathur, Tamil Nadu, India*