



# SIDDHARTH GARG

Developer, AI Engineer, CFA - Passed level 1

@ i@siddharthgarg.in

Hyderabad, India | Remote (Preferred)

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## EDUCATION

**Bachelors in Technology, Computer Science** | VIT Vellore (Institute of Eminence)

07/2018 – 06/2022 Vellore, India

CGPA: 9.07

**12th Grade, All India Senior School Certificate Examination(AISSCE)** | Delhi Public School, RK Puram

07 2015 – 05 2017 New Delhi, India

Score: 90%

**10th Grade, All India Secondary School Certificate (AISSC)** | Delhi Public School, Agra

2015 New Delhi, India

CGPA: 9.4

## TECH STACK

### Programming

Python SQL JavaScript C++ C Java

### AI/ML

Image Recognition CNNs Sentiment Analysis

RNNs Topic Modeling Object Detection

### Web Development

Django Flask NodeJS PHP ReactJS

### UI/UX

Illustrator Canva Adobe XD Photoshop

## CERTIFICATIONS



### CFA Level 1

Cleared Level 1 of Chartered Financial Analyst (CFA) Examination



### TensorFlow Developer Certificate

Google's TensorFlow Developer Certificate



### Skydiving

Tandem Skydiving Certificate, Pattaya



### Consecutive First Prize, RCPC 2020 and 2019

Coding Competition, involving several rounds by ACM, VIT

## ABOUT ME

Started learning to write code when I was 12 years old, there was no going back from there. I enjoy my work, let it be Tech, Design or Finance, I love exploring different disciplines and developing solutions, that create value. Love to travel, been to (almost) everywhere in the country.

## EXPERIENCE

### Member Tech | DE Shaw India

Jan 2022 – 5 Mar 2024 Hyderabad, India

Acquired in-depth Finance and Technical knowledge in Fundamental equities team. Developed and maintained ETL pipelines for multiple alternative data sources, which were used to generate trading signals in both systematic and discretionary models. Also developed a data validation framework from scratch to reduce noise from the generated signal, additionally reducing time from 1hr to 12mins.

### Intern Member Tech | DE Shaw India

May 2021 – July 2021 Remote (Hyderabad Office)

Developed an extendible python application for tracking different internal tools' performance. Worked with Elastic, Logstash, Influx and Kibana.

### Computer Vision Engineer | FindMind Analytics

Feb 2020 – Nov 2020

Programmed a high accuracy end to end pipeline with a REST API for OCR and masking of clients' sensitive documents using object detection, increasing speed 30x and accuracy to 97% from 60%

### Deep Learning Head | The Symbiotic Company

May 2020 – Sep 2020

Produced a Dataset and Developed a deeplearning based object detection model for recognizing different grip patterns, to be fed into a 3D prosthetic robotic hand.

### Marketing Head, Vellore Executive Board & Volunteer | ERIDE (NGO)

Sep 2018 – Dec 2020 Vellore, India

Empowering Rural India with Digital Education(ERIDE) aims on delivering digital literacy to underprivileged people. Joined as a freshman, from teaching kids in orphanages, community centres to leading the NGO as a board member

## PROJECTS

**Malware Family classification using Convolutional Neural Networks on Byte Sequences** |

**GUI based End to End Auto ML dashboard for object detection and masking.** | Ownership transferred to FindMind Analytics

**REST API for OCR and masking of sensitive data in Identity documents using image processing and object detection** | Ownership transferred to FindMind Analytics

**Sentiment Analysis and Topic Modelling of primetime News-hourDebates from different news channels** |

**TB Saathi (Tuberculosis Diagnosis using neural networks tool)** | | 2nd Prize in Hello World Hack