

## Internships

### 2017 UX Design Intern at Maximl Labs.

- Developed Application Design, User workflows, Information Architecture and Data Visualisation of their enterprise applications on Web and Mobile.

## Projects

### 2018 Dynamove.

- Part of start-up building ADAS for new age vehicles. Worked on object detection, traffic lights and signs classification, road lane segmentation and driver alertness involving computer vision techniques and neural networks.

### 2017 Microsoft AI Hackathon.

- Fashion recommender system built using Deep Learning (Auto-encoders) with mentorship from Microsoft, trained on over 10,000 images scraped from Myntra.

### 2016-18 Mini Projects.

- Age and gender prediction for Indian faces (data from Google images)
- OpenCV hand recognition for drawing in air with camera.
- Design/Front-End Development of websites using MEAN stack.
- Developed AR app and 2 games for Android using Unity and Android Studio.

## Achievements

### 2018 Winner - Amazon Deep Learning Hackathon.

- Team placed 1st among 2000 participants. Trained a GAN (pix2pix) model to generate colored images from sketches of suspects.

### 2018 Winner - Exebit Data Science Challenge.

- Team placed 1st among participants from many institutes. Built predictive models to classify fraudulent credit card transactions using machine learning.

### 2017 Finalist - Shastra Coding Contest.

- Team placed top 10 among 400 participants from many institutes.

## Courses

\* - ongoing

- |  |                                      |
|--|--------------------------------------|
| ○ Android Development (Udacity)              | ○ ML/DL for Engineering Applications |
| ○ iOS Development (Raywenderlich) *          | ○ Computer Graphics *                |
| ○ Machine Learning (Andrew Ng)               | ○ Virtual Reality Engineering *      |
| ○ Neural Networks for CV/NLP (Stanford Lec.) | ○ Data Structures and Algorithms *   |

## Skills

\* - ongoing

AI Tools Keras, Tensorflow, Scikit-learn, Scipy stack  
Dev Tools Xcode, Android Studio, Unity  
Languages Python, C++, SQL, Swift \*

## Education

2015-Present **4<sup>th</sup> Year, Computational Engineering,**  
*Indian Institute of Technology Madras, Chennai.*

CGPA : 8.00 (/10),