

# Arpit Gogia

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## EXPERIENCE

### **Precog, IIIT-D — Research Intern**

DECEMBER 2016

Data Analysis and Machine Learning Developer

### **WorldBrain.io — Open Source Developer**

SEPTEMBER 2016

Backend, Machine Learning and JavaScript Developer

### **Computer Society India, Delhi Technological University, India — Technical Head**

JULY 2016

Responsible for all technical activities related to the Society. Tasks include App and Web Development, question-making and governing internal Coding Competitions.

## EDUCATION

### **Delhi Technological University, Delhi, India — B.Tech.**

AUGUST 2014 - AUGUST 2018 (Prospective)

Mathematics and Computing, 73.462% (Agg. Up to 5th Sem.)

### **Machine Learning Engineer — Udacity Nanodegree**

JUNE 2016

## CERTIFICATE

### **Deep Learning — Udacity**

JULY 2016

### **Python Data Structures — University of Michigan on Coursera**

JULY 2016

Passed the Course with 98.4%

## CERTIFICATE

### **High School Certificate(95.2% PCM) — Delhi Public School Vasant Kunj, 2014**

### **Secondary School Certificate(10 CGPA) — Delhi Public School Gurgaon, 2012**

## PROJECTS

### **Facial Emotion Recognition — Deep Learning CNN**

Recognising emotions from facial images using deep learning convolutional neural nets.

### **SVHN Image Recognition — Deep Learning CNN**

Implemented a Deep Learning Convolutional Neural Network to predict numbers from the Street View House Numbers Data Set. Achieved 90% Accuracy. Used various Python Modules like TensorFlow, NumPy, SciPy etc.

### **Self Driving Cab — Artificial Intelligence Agent**

Implemented a Self Driving Cab agent in Python using Q Learning. Achieved 97% Accuracy. Used the SciKit Learn, NumPy, SciPy Modules in Python.

### **QR Money — Easy Money Exchange**

Built an Android application for IndiaHacks FinTech Hackathon 2016. Allowed easy exchange of currency using QR Codes as User Identifiers. Ranked 15 among 9000-10000 teams.

### **Foodify — Calorie Tracking Made Easy**

Android application, Hack@NSIT '16. Allows tracking calorie intake by taking pictures of food items. Ranked Second Runner Up among 20-25 teams.

## SKILLS

**LANGUAGES:** C++, Java, Python, HTML5, CSS, JavaScript

**FRAMEWORKS:** Node.js, Express.js, Django, Flask, Bootstrap, Android SDK, MongoDB, Markdown, NumPy, SciKit, Tensor Flow, SciPy, Celery

**OS:** Linux, Ubuntu, Windows

**TOOLS:** Visual Studio, IntelliJ, Android Studio, Sublime Text, Atom, VIM, Visual Studio Code

## AWARDS AND HONOURS

### **Google APAC 2017**

Rank 424 in Round A

### **3rd Place, Hack@NSIT '16**

Foodify Android Application to count calories using images of food

### **Rank 15, IndiaHacks '16**

FinTech Hackathon, built an Android application for simplified money transactions using QR Codes

### **Rank 19, IndiaHacks '16**

eCommerce Hackathon, built an Android Application for finding the best price of an article from various eCommerce sites.